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PHILIPS'
Catalogue.

SEED LABORATORY.

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1900.

28th YEAR.

GARDEN, FARM
and FLOWER

SEEDS.

J. M. PHILIPS' SONS,
MERCERSBURG, PA.



To Our Customers.

WE have the pleasure of presenting you with our Seed Catalogue for 1900. If you have no use for it, we will esteem it a favor if you will kindly hand it to some friend whom it will be of service. As all efforts is entitled to comparison, we trust our Catalogue will be appreciated during the approaching season as it has been in the past and should your appreciation go beyond your personal requirements, you can at least manifest approval by kind words to those of your friends who want reliable seeds true to name.

True Description.

We have made most careful comparison throughout our entire book, both in our own trials and careful observances of many testing grounds, our description of all varieties offered by us will be found as true as we can make them, which is of great value to the buyer.

Quality of Seeds.

We do not sell the cheapest seeds grown, but do make the lowest prices for the best Seeds that are grown, therefore must not be classed with the so called "Cheap Seeds."

Filling Orders.

Every order is filled and forwarded as promptly as possible, but if not received after waiting sufficient time write us; giving date of order, your name and address, we will use every effort to take the delay at once.

Packing and Shipping.

We make no charges for packing or boxing of retail orders, and deliver all goods to Express or Freight Office free of charge.

We Deliver Free by Mail Post-paid.

All Vegetable and Flower Seeds in packs, by ounce or pound sent by mail post paid, if to be sent by express or freight purchaser paying charges, deduct from catalogue prices at rate of 8c per pound. Beans, Corn and Peas if to be sent by mail add 8c per pint or 15c per quart to catalogue prices.


Liberal Premiums.

We give valuable Books as premiums, and any person not wishing Books may select 25c worth of Seeds additional to each dollars worth of Vegetable and Flower Seeds ordered from our Catalogue.

Orders.

Be very careful to always sign your name, post-office, county and state on each and every letter sent to us. Cash must always be sent with order. Money can be sent safely either by post-office order, bank draft, express or registered letter.

We accept two cent postage-stamps the same as cash.

 All orders must be addressed to

**J. M. Philips' Sons,
Mercersburg, Pa.**

J. A. PHILIPS
E. H. PHILIPS
D. C. PHILIPS



J. M. Philips' Sons,

Seed Warehouse

Mercersburg, Penn'a.

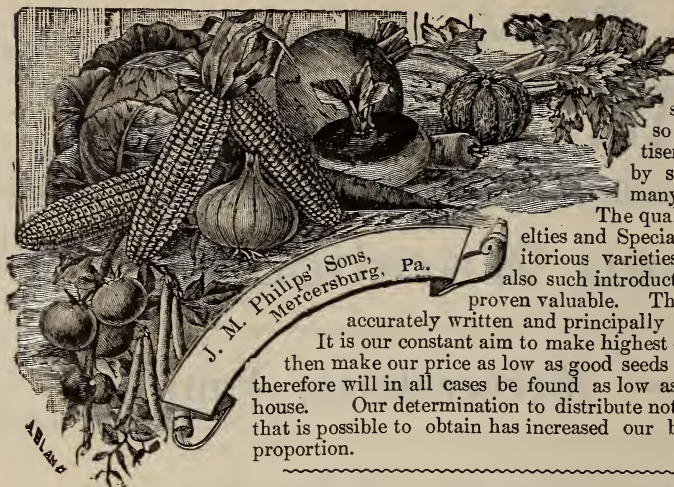
To Our Friends and Patrons.

OUR BUYERS GUIDE may not appear attractive as catalogue with large pages, alluring illustrations, and elaborate descriptions that are often overdrawn, but it has been published over a quarter of a century in its present form and is known as a thoroughly trustworthy guide. As all efforts is entitled to comparison, we trust our Catalogue will be appreciated during the approaching season as it has been in the past, and should your appreciation go beyond your personal requirements, you can at least manifest approval by kind words to those of your friends who want reliable seeds true to name.

In this department we aim to offer a complete list of all known varieties of real value, and to exclude everything that is worthless; also to leave out an endless number of kinds for which there is no demand. We are careful to avoid offering the same variety of seeds under different names; we also avoid using misleading descriptions. It has been our aim to give fair and reasonable General Instructions as to planting and growth, but allowance must be made, for what applies in one latitude or section may widely differ from another not very far distant. Most of our seed bags contain specific instructions, and apply to the peculiar traits of the special variety.

We make a specialty to deal direct to the planter, thus making it a direct deal between the planter and grower. Simply, calling your attention to the following pages for prices and descriptions of what we believe to be one of the best assorted stock of "SEEDS" in the union. Our endeavor is not to offer a list of every variety that can be procured, but a list of standard varieties that can be depended on as the best of their color and class, and now, asking a careful reading of the following pages, and a liberal share of your patronage, and to those who have never dealt with us we simply ask for a trial order, that we may convince you of the purity, and quality of our goods. With best wishes, a happy and prosperous year to our many friends and patrons, we remain very truly yours.

GENERAL LIST OF VEGETABLE SEEDS.



J. M. Phillips' Sons,
Mercersburg, Pa.

Our aim is to offer the very best varieties of seeds known; well tested and superior sorts that will be satisfactory to the buyer, and so to become a standing advertisement for us. Our success by so doing is attested by our many friends all over the union.

The quality and permanency of Novelties and Specialties of all leading and meritorious varieties are herein described, and also such introductions of late years as have proven valuable. The description here given are

accurately written and principally from our own experience. It is our constant aim to make highest quality a first consideration, then make our price as low as good seeds can be sold. Our prices, therefore will in all cases be found as low as those of any other reliable house. Our determination to distribute nothing but the very best seed that is possible to obtain has increased our business to its present large proportion.

Seeds Post-paid by mail. Please bear in mind that our prices in the following list include prepayment of postage by us on all seeds ordered by the packet, ounce or pound, unless otherwise noted.

Purchaser not wishing Books as premiums may select Twenty-five cents worth of Seed additional for each dollar sent us.

Notice: Beans and Peas add 8c per pint or 15c per quart to Catalogue rates when the seed is to be sent by mail, or we shall be obliged to send them by Express or reduce quantities to make up the deficiency.



Barr's Mammoth.

ASPARAGUS.

Sow in March or April, in rows 1 foot apart, and keep clean by frequent hoeing. When two years old transplant into permanent beds, which should be well and deeply manured and trenched to the depth of 2 feet. Set the plants (in rows) from 3 to 4 feet apart, and 2 feet apart in the rows, spreading the roots, covering; from 6 to 8 inches. On the approach of winter cover with manure or compost, fork the beds early in spring and apply a dressing of salt.

Conover's Colossal. The standard variety. The shoots are of the largest size; very productive and of the best quality. Pkt. 5c, oz. 10c, lb. 50c.

Barr's Mammoth. The largest and most productive in cultivation. With proper care and treatment it will attain nearly twice the size of any other variety. The stalks retain their thickness to the top of the shoots and have close round heads. It is remarkably tender and succulent, of exquisite flavor and will in a single day make shoots fit for market. Pkt. 5c, oz. 10c, lb. 60c.

Asparagus Roots 1 year old, 75c per 100. Roots 2 years old, \$1.00 per 100. Varieties: Barr's Mammoth, Palmeto, Conover's Colossal.

Any one wishing larger quantities write for special prices. Asparagus Boots will be shipped by express or freight, purchaser to pay charges. Send order early, as we have Asparagus Roots grown by special growers, and are often sold out early in season.



BEANS.

The many varieties of Beans, the following list comprises the very best, all of our stock which is extra choice, grown from stock seed carefully selected and improved by continued intelligent selection. All the varieties of this class are tender, and will not bear cold. Plant about the middle of April, if the ground is warm and season favorable, plant at intervals throughout the season for succession, finishing about the 15th of August. The best mode of culture is in rows 2 feet apart, the beans 3 inches apart and 2 inches deep in the row. Keep well hoed up to their stems, but only when dry, working them when wet with rain or due will cause them to rust and injure the pods.

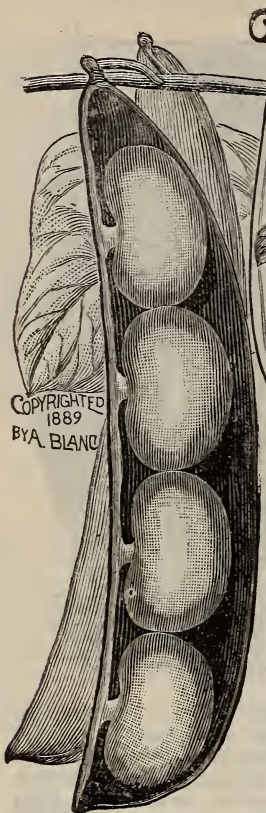
New Stringless Green Pod.

The illustration herewith shows the width and thickness of the beautiful, straight, green pods taken from nature; all are absolutely stringless and of the beautiful fleshy appearance shown. Extreme earliness and extra good quality are the two points which we desire to emphasize in connection with this bean. It is a quick grower, being ready for market long in advance of the old Valentine. Its quality is so high in point of brittleness, that its enthusiastic friends have described it as the only really stringless green pod bean in cultivation. The pods are full and fleshy and nearly straight, light green in color, very tender, of excellent flavor and are

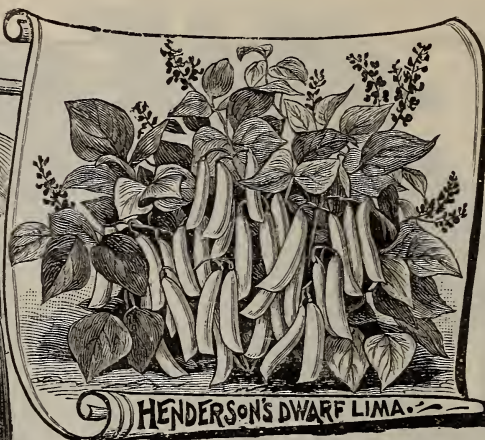
produced in great abundance. They remain in edible condition for a considerable time, and are therefore well adapted to the requirements of market gardeners. With its earliness, its quality and its productiveness, we highly commend it to our friends as well worthy the first place in their garden. Pkt. 10c, pint 15c, quart 15c. Beans and Peas, if to be sent by mail add 8c pint or 15c quart.

BEANS, BEST OF ALL.

Pods long, very fleshy, succulent, stringless, and rich in flavor; produced early and abundantly; one of the most valuable green podded beans for either market or family use. Pkt. 10c, pint 15c, quart 25c.



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1889
BY A. BLAND



Long Yellow Six Weeks. A very prolific and excellent variety. Beans kidney-shaped and large; color yellowish drab; pods long, flat and well filled. Pkt. 10c, qt. 25c.

Early Mohawk. This is one of the hardiest and most productive of the dwarf varieties; seeds, variegated with drab, purple and brown. Pkt. 10c, pint 15c, qt. 25c.

China Red Eyed. An old popular, early variety; excellent both for string and shelled beans, green or dry; seeds white with a bright red eye. Pkt. 10c, pint 15c, qt. 25c.

Horticultural Dwarf. Large, late and productive; pods showy; great favorite in New England; fine shelled variety. Pkt. 10c, pint 15c, quart 25c.

Improved Early Red Valentine.

A decided improvement on the old favorite, the Early Red Valentine. It is ten days earlier and much more prolific, and retains in the greatest perfection all the excellent points that have made the Early Red Valentine so popular. The pods are remarkably fleshy and tender, remains a long time on the plant without becoming hard. Pkt. 10c, pint 15c, quart 25 cents.



Beans and Peas, if to be sent by mail add 15c qt.

BEST OF ALL.

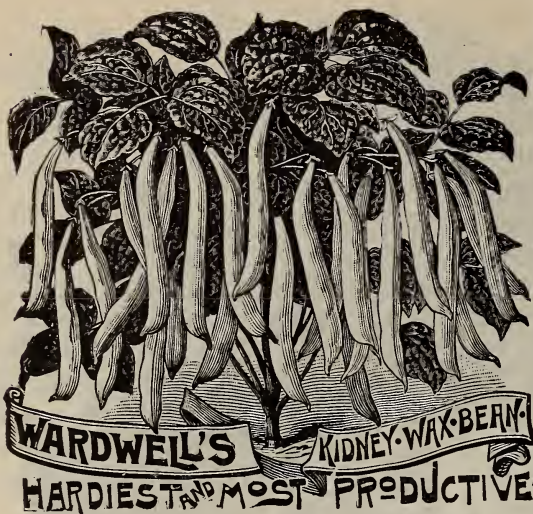


Burpee's Bush Lima.

The bushes grow eighteen to twenty inches high, of stout growth and always erect, yet branching so vigorously that each plant develops into a magnificent circular bush from two to three feet in diameter. The leaves are of very large size and great substance. The thickness of the main stalk and branches of the plant, as also the usual size, healthy green color, and thick, leathery substance of the leaves indicate the strong constitution of this variety, by which it is enabled to bear large crops, and is also a sure cropper. It is an immense yielder, each bush bearing from 50 to 200 of the handsome large pods, well filled with very large beans, which are in size and luscious flavor to the large pole Limas. Pkt. 10c, pint 20c, qt. 35c.

Henderson's Bush Lima.

One of the most valuable characteristics of Henderson's Bush Lima is its extreme earliness, as it comes in from two to three weeks ahead of any of the other climbing or Bush Limas, thus supplying us with a delicious vegetable at a time when the garden is somewhat bare, filling in, as it does, the gap between Peas and Pole Limas. The small size of Henderson's Bush Lima, which at first was urged as an objection to it, has proved one of the strongest points in its favor, as the public, rightly enough, prefer small beans, it is enormously productive, bearing continuously throughout the summer until killed by the frost. It is a true bush variety, requiring no support from stakes or poles. Pkt. 10c, pint 20c, qt. 35c.



Wardwell's Dwarf Kidney Wax Bean.

This variety both pod and plant are more robust than the usual wax Beans. Stalks erect, hardy and productive. The shape of the Bean is distinct from all other wax varieties, being a perfect kidney-shaped, white, with dark marking at the eye. It produces a heavy crop of purly wax pods, which are very long, flat and not liable to rust or blister. For a snap bean it is unexcelled, and a good winter shelled bean; as early as any of the wax varieties. Pkt. 10c, pint 15c, qt. 25c.

Grenell's Rust-Proof Golden Wax.

This improved strain is destined to supersede the well-known Golden Wax, which it has greatly out-yielded in repeated comparative trials. The straight, handsome pods are thicker through, superior in quality, and are claimed by the originator to be absolutely rust-proof. Pkt. 10c, pint 15c, qt. 25c.

White Wax. One of the best for family use; stringless, waxy yellow pods, very brittle, tender and of delicious flavor. Pkt. 10c, pint 15c, qt. 25c.

German Black Wax. When ripe, pods are yellow averaging 7 inches in length, very tender and of the best quality. Seeds glossy black when ripe. Pkt. 10c, pint 15c, qt. 25c.

New Golden Eyed Wax.

This is an early and vigorous growing variety, yielding a great profusion of tender pods of a beautiful waxy appearance. The vines grow about one and a half feet high, holding the pods well off the ground, thus keeping them clean and attractive. It is singularly free from blight and rust, the pods are flat, larger than the Golden Wax, and nearly large as the Flageolet Wax. Pods brittle and of a delicate flavor. Pkt. 10c, qt. 25c.



BEANS, Wax Podded Sorts.

Yosemite Mammoth Wax. The monster pods of this new variety average 8 to 10 inches in length, and nearly all solid pulp and absolutely stringless, cooking tender and delicious; rich golden yellow; a vigorous grower, covering the ground with its heavy foliage. Pkt. 10c, pint 15c, qt. 25c.

Golden Wax. A strong-growing, distinct variety, at least a week earlier than the Black Wax. The pods are long, brittle and entirely stringless. As a snap bean it perhaps excels all others in tenderness and richness of flavor. Seeds when ripe, purple and white. Pkt. 10c, pint 15c, qt. 25c.

Davis Kidney Wax. The pods are extra long, straight, oval, clear, waxy

white color; often growing to a length of 7 to 8 inches, and, when fit for use, are quite stringless and of fine flavor. Pkt. 10c, pint 15c, qt. 25c.

New Valentine Wax. It is an improved Round Pod Extra Early Valentine, with handsome round yellow or wax pods. It is the earliest wax bean yet produced. Pods very meaty, entirely stringless and of the best quality. Pkt. 10c, pint 15c, qt. 25c.

Curries Rust-proof Black Wax. For earliness and freedom from rust it is at the head of the Wax Bean family. Habit upright and robust, holding the pods well from the ground. Pods are long, straight, flat and very meaty, of a beautiful golden color. Pkt. 10c, qt. 25c.

Golden Andalusia Wax POLE BEAN.

This new bean has created a decided sensation wherever grown. The pods are five to six inches long, broad, thick, very fleshy, and entirely stringless, far surpassing all other varieties in this respect, and retaining these important qualities until almost ripe. They are of exceedingly rich, buttery, and fine flavor. The vines cling well to the poles, a very important feature, as the weight of a vine filled with such a mass of large pods is very great. They commence bearing in great abundance when the vines are quite young, and continue to bear profusely the entire season. The beans when dry are round, pure white in color, and also make a fine shell or winter bean. Pkt. 10 cts, pint 15c, quart 25 cents.



NEW GOLDEN ANDALUSIA WAX, POLE BEAN.

BEANS, Pole or Running.

Golden Cluster Wax. This new variety is distinct in seed, color and habit of growth. The pods retain their tenderness and plumpness long after the beans have attained a large size, so that there is only a few days after they cease to be fit for string beans, they are fit to shell. The pods are of a beautiful waxy yellow, from 6 to 8 inches long, born in clusters of four to six. Commencing ten days after the Dwarf Golden Wax, it continues to bear profusely until frost sets in. Pkt. 10c, pint 15c, qt. 25c.

Philips' American Sickle. The American Sickle Bean we regard far ahead of all other Pole Beans, it has proven to those

who have tried it, to be superior to all other green podded Pole Beans. It is fit for the table by Aug. 1, which is at least ten days earlier than any other sort. Vines vigorous, climbing well and very productive, handsome silvery green pods 6 to 9 inches long hanging in great clusters from top to bottom of the pole. The handsome long pods are almost entirely stringless, and perfect in shape, very fleshy and are of a superb quality. The American Sickle will become one of the leading Pole Beans on account of the pods retaining their tenderness long after the



AMERICAN SICKLE.

beans have attained a large size; is also an excellent green shelled bean. Pkt. 10c, pint 15c, qt. 25c.

Giant Wax. (Red Seeded.) Pods six to nine inches long; clear waxy yellow; thick and fleshy; very productive; when cooked, tender and delicious, seeds red when ripe. Pkt. 10c, pint 15c, qt. 25c.

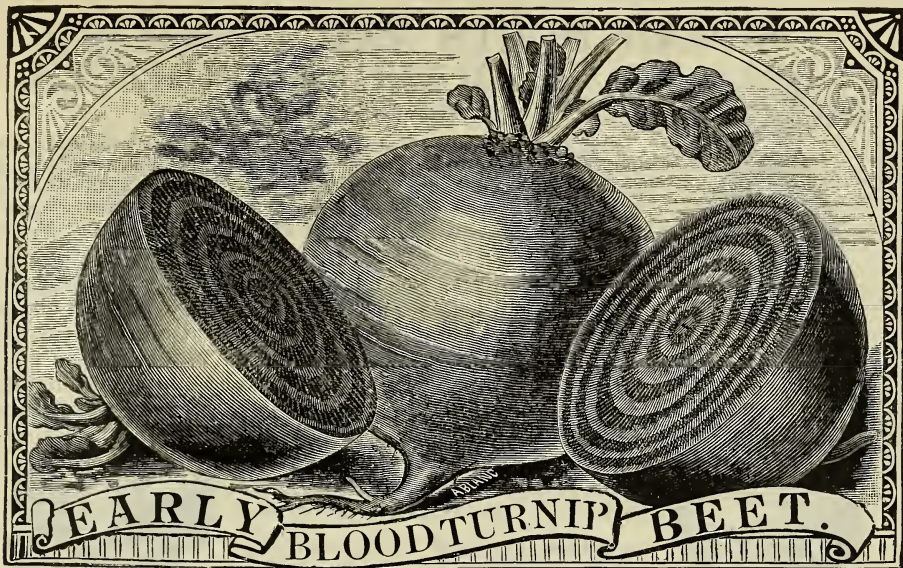
White Dutch Case Knife. One of the earliest and the most prolific sorts, having long flat pods with white seeds, which are good green or dry. Pkt. 10c, pint 15c, qt. 25c.

Large White Lima. With nearly every one, the seeds either green or ripe, of this variety are considered the most tender and delicious of all the bean family and it is therefore universally grown both for market and family use, the ripe seeds are of a flattish kidney shape, and have a dull white color. Pkt. 10c, pint 15c, qt. 25c.

Old Homestead. One of the finest of all the green podded pole beans. It is enormously productive, the pods hanging in great clusters from top to bottom of the pole. The pods are large and entirely stringless; they cook very tender and melting. Pkt. 10c, pint 15c, qt. 25c.



CLUSTER WAX.



Beet.

Sow early in the spring as the ground can be worked, and every two weeks after for succession, up to first week of July. For general crop sow about the middle of May. The soil should be light sandy loam, well enriched with stable manure, plowed and harrowed until very fine.

Sow in drills 12 to 15 inches apart, and when well up, thin out from 4 to 6 inches in the rows.

1 Ounce seed will sow 50 to 100 feet when drilled, 4 to 5 pounds per acre.

✓ **Early Eclipse.** The Eclipse is remarkable, not only for its wonderful rapid growth, but also for the smallness of top and extra fine quality. It is early as the Egyptian, and of better quality. The roots grow perfectly smooth, of round shape, intense blood-red skin, flesh fine grained and sweet. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.

✓ **Early Dark Red Egyptian.** A Standard sort, being from 8 to 12 days earlier than the Blood Turnip. The roots are large in size and of a rich deep crimson color. From the smallness of the tops of the Egyptian at least one-fourth more can be grown on the same space of ground than any other variety. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 15c, lb. 45c.

✓ **Early Bassano.** Roots flat, turnip shaped, flesh pale red, circled with bright rose color. A few days later than the Egyptian; grows to a good size on light soil, very tender and juicy. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 55c.

✓ **Early Blood Turnip.** It is the most popular, but ten days later than the above variety, flesh deep blood-red, very sweet and delicate in flavor, and as a market variety, it is superior to all others; it is adapted for either Summer or Winter use. Pkt. 5c, oz. 10c, lb. 45c.

✓ **Dewings Imp., Blood Turnip.** Fine turnip form, very symmetrical in shape, free from any fibrous roots. Flesh deep blood-red, very tender and sweet; grows uniformly to a good size. Early, and when sown late, desirable for winter. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 45c.

✓ **Long Blood Red.** The best strain of long dark red beet in the market and especially desirable for fall and winter use. Excellent as a feed for cattle, as 12 tons have been grown to the acre. In quality, sweet and tender. Shape long smooth and about $\frac{1}{4}$ above the ground; color, a rich carmine red; resists drought better than any other. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 15c, lb. 40c.

SUGAR BEETS AND MANGEL WURZELS.

Grown for Feeding Stock.

The value of these for feeding stock cannot be over-estimated. The results from their use are wonderful, as it is clearly shown in the improved health and condition of animals, the increased yield of milk in cows, and the great saving in hay. They can be raised at a very trifling cost, and selected seed will yield immense crops per acre. Five to six pounds of seed required per acre.

Mammoth Prize Long Red. The heaviest cropping and best long Mangel. This mammoth variety grows to an immense size, single roots weighing twenty to thirty pounds each, and always of a very fine texture and good quality. It is remarkable for the broad shoulder and massive shape of the root, by which a great weight is obtained without coarseness. In England it has produced from sixty to seventy-five tons of roots per acre. $\frac{1}{4}$ lb. 15c, lb. 40c, by express 2 lbs. and upward at 25c per pound.

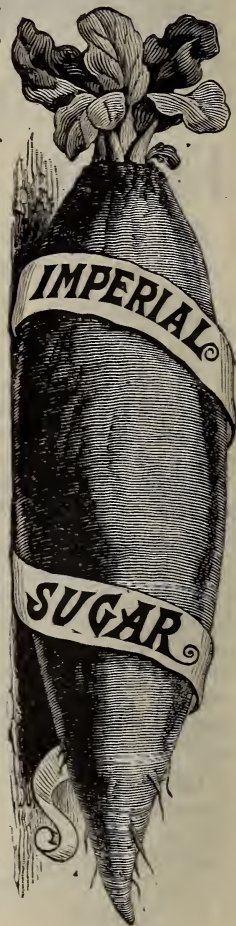
Golden Tankard. Tops comparatively small, roots large; flesh yellow zoned with white. It is worthy of growing for stock on every farm. $\frac{1}{4}$ lb. 15c, lb. 45c, by express 3 lbs. and upward at 35c per pound.

French White Sugar. This grows to a large size, part above ground; roots medium length, white, leaves green; considerably grown in this country for cattle feeding, also extensively cultivated for sugar manufacturers. $\frac{1}{4}$ lb. 15c, lb. 45c.

Lane's Imperial. (Sugar Beet.)

This is the most popular and best sugar beet for feeding cows, sheep, or swine. This beet will yield as much as most mangels, and contains eight per cent of sugar. Has yielded thirty to forty tons per acre, at a cost of five cents per bushel. The large amount of healthy, nutritious food which is produced at so small a cost and its great value for cattle, sheep and swine make this root very profitable for stock farmers. The beets grow to a large size, and are even more perfect in shape than shown in the illustration; very free from side roots. $\frac{1}{4}$ lb. 15c, lb. 45c.

PRIZE LONG RED.



Root Crops for Feeding Stock.

It treats fully not only How to Grow, but also How to Store and How to Feed; it also gives careful notes on most profitable varieties. Root Crops for Stock Feeding is a subject of the greatest importance to every farmer who desire to make the Farm Pay a Profit. Price 30 Cents.

Best American Grown Cabbage Seed.

There is no vegetable which is more universally cultivated than the Cabbage. It is found in the poorest and smallest garden and it responds so readily to better care, that it claims a place in the finest garden, and the attention of the most skilled gardeners. Sow the early sorts in autumn and protect by a cold-frame during the winter, transplant early in spring, or sow seed in hot-bed during February or March, and transplant middle of April; or sow in the open ground, as early in the Spring as the ground can be worked. Sow for late crop in April or May. They should be sown in drills 4 to 6 inches apart. When plants are 6 inches high transplant into richly manured ground, the early kinds 2 feet apart; the later kinds for winter use, 3 feet apart. The ground should be deeply loosened, worked thoroughly to grow large heads. 1 Ounce of Seed will sow 40 square feet of ground and will produce from 2000 to 3000 plants. Our 5c pack will produce 400 to 500 plants.

Extra Early Express. The earliest of all cabbages. While not large as the Early Jersey Wakefield it is several days earlier, and for a first early variety it cannot be excelled. It resembles the Etampese in character and appearance, having solid, compact heads of conical

form, of a yellowish green color. Very dwarf and uniform. Pkt. 5c, oz. 15c.

Early Dwarf Flat Dutch. Heads medium size, solid and flat on the top; grows low on the stump, and is of good flavor. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 40c, lb. \$1.25.

Burpee's Early All-Head. This is the earliest of all large cabbages, and fully one third larger than any other early summer Cabbage. The deep, flat heads are remarkably solid, and the most uniform in color, shape and size of any early variety yet known. As tenderness is the result of rapid growth, it surpasses all others in this respect. The heads grow so compactly and free from spreading leaves, that fully one thousand more heads can be obtained to the acre. It is wonderfully adaptable,—really an all-the-year-round Cabbage. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 40c, lb. \$1.25.

The illustration below was accurately engraved from a few heads in the foreground of a photograph of one of our fields. It shows the uniformity of **BURPEE'S ALL-HEAD**, just as it grows in the field.



C. L. ALLEN, the well-known writer and Cabbage grower of Queens County, N. Y., wrote us after reading our description:—"I would say that in all my experience in the cultivation of Cabbage, I have never seen a variety that possessed so many good qualities as this, neither have I seen a field of Cabbage that contained so few objectionable plants as the one being grown for you. Your claims for Burpee's ALL-HEAD Early Cabbage seem very high, but after a careful inspection of the crop I cannot question one of the points you claim."



EARLY WINNINGSTADT.

True Early Winningstadt. This has become one of the most popular varieties; there is no other early sort which heads with greater certainty, or more solid; the heads are of good size, cone form, broad at the base and twisted at the top; to those who have never tried this variety, we say try it by all means, plant it. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 35c.

Earliest Etampes. Excepting only the New Express, this is earlier than any other Cabbage; the heads are oblong, rounded at the top, very solid and firm, while it seldom fails to head; medium size, and of very fine quality. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 40c, lb. \$1.25.



Early Jersey Wakefield Cabbage.

Unquestionably the best early Cabbage in cultivation. It possesses the merit of large sized heads, small outside foliage, and uniformity in producing a crop. About 12,000 can be planted on one acre. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 45c.

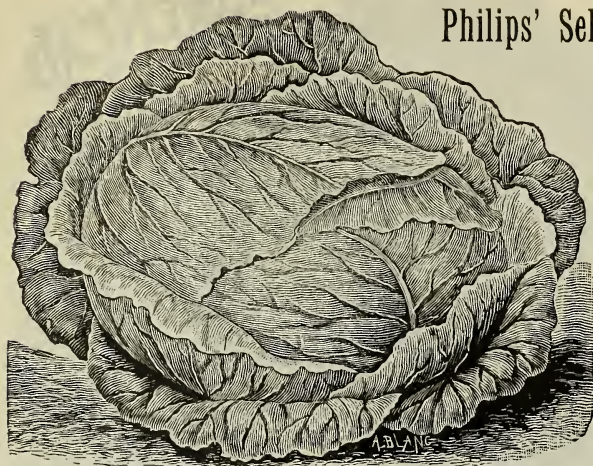
Henderson's Early Summer. Heads a few days later than the Jersey Wakefield, but the heads average more than double the size. It forms large, solid, round, flattened, compact heads, of excellent quality. The leaves turn into the head so completely that twelve thousand can be set to the acre. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 40c, lb. \$1.25.



EARLY JERSEY WAKEFIELD.

Henderson's Early Succession.

It has been several years since this variety was first offered, and since that time it has been thoroughly and critically tested in all sections of the country, and pronounced by all to be the finest second early Cabbage yet introduced. The Succession is about one week later than the Early Summer, but is of larger size. It is so finely bred that in a field of ten acres every head was fit for exhibition. Its uniform size, solidity and sure heading qualities make it the best Cabbage. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 45c.



Philips' Select Short Stemmed Late Flat Dutch Cabbage.

In this new strain of late Cabbage, we believe that we have combined every good quality essential to perfection. The Short Stemmed Late Flat Dutch Cabbage has long been the want of every gardener, which we have procured; it is the result of careful selection of heads with extremely short stump to obtain this strain, and can be recommended. A low growing variety; heads large, bluish green, round, very solid, flat on top, of fine flavor and very tender. Ninety five out of a hundred will make large heads. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 40c, lb. \$1.50.

Early Drumhead. The best early Flat Dutch for market; either as a second early or late; short stem, large heads. Pkt. 5c, oz. 15c.

Large Late Drumhead. This is a large fall and winter variety, with flat heads; very compact and of lightish green, quality good. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 30c, lb. \$1.10.

Stone Mason. An improved variety of the Drumhead; heads flat and solid, stems short and small, quality sweet and rich; a profitable market sort. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 35c, lb. \$1.25.

Marblehead Mammoth Drumhead. This is the largest variety of the Cabbage family in the world. Single specimens have been grown to weigh sixty pounds, heads flat on top, quality very tender, sweet and excellent. Pkt. 5c, oz. 15c.

Red Dutch. This sort is principally used for pickling, and is sometimes sliced in salads; it is an excellent dish when boiled; the heads are of medium size, very solid, heart-shaped, and of red purplish color. The darker the color and the more thick and fleshy the leaves, the more valuable. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 45c.

Autumn King Cabbage.

This peerless variety was introduced several years ago, and we will say without hesitation that it is one of the finest late Cabbage in this country to-day, entirely distinct, and one of the best keepers; it produces enormous, solid heads of that dark shade of green that is most desirable in a Cabbage, the interior creamy white, compact, crisp and has such small outer leaves that it can be planted much closer together than the ordinary sorts. A distinct feature of the AUTUMN KING is the peculiarly crimped leaves, which add to its appearance.



Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 60c, lb. \$2.00.



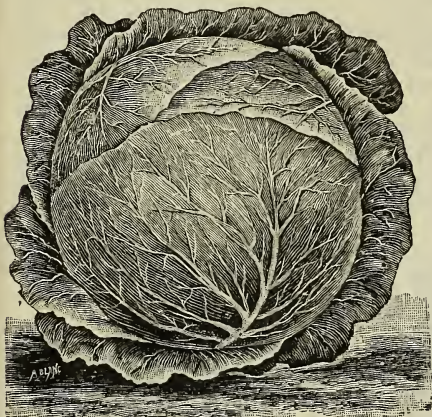
ORIGINAL SUREHEAD CABBAGE.

This famous Cabbage, first named and introduced twenty three years ago, has steadily gained in popular favor. Hardly any other variety can approach the Surehead in fine quality and uniform reliability in forming solid, firm heads, of good size, even in the most unfavorable seasons. Produces large, round flattened heads, of the Flat Dutch type, and is remarkable for its certainty to head. It is all head, and sure to head, even where other varieties fail. The heads are remarkably uniform, very hard, firm and fine texture, and ordinarily weigh from ten to fifteen pounds each. It is very sweet flavored, has scarcely any loose leaves, keeps well during the winter, it is good for shipping and is just the variety and quality to suit market gardeners, farmers and lovers of good Cabbage. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 50c, lb. \$1.50.

Remember All our seeds are sent Post-paid, unless otherwise noted. When to be sent by Express or Freight, in quantity, purchaser paying transportation charges; deduct from list price 9c per pound. Beans and Peas if to be sent by mail add 8c per pint or 15c per quart, if postage is not enclosed, they will be sent by express or reduce quantity.

CABBAGE, Premium Flat Dutch.

One of the oldest varieties in existence, and more extensively grown for late or main winter crop than any other sort. Heads very large, solid and broad, with flat tops, of fine flavor and quality; very short stems and sure to head. With good cultivation ninety five per cent will make heads for market. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 35c, lb. \$1.25.



PREMIUM FLAT DUTCH.

Early Dwarf Ulm Savoy. One of the earliest and sweetest of all Savoys. Heads round, solid; leaves small, thick, fleshy and of fine flavor, deep green color and of most excellent quality. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 40c.



DRUMHEAD SAVOY.



FOTTLER'S IMPROVED BRUNSWICK.

Fottler's Improved Brunswick. This is the second early large Drumhead Cabbage. It heads shortly after the Early Flat Dutch, and is most excellent for summer and fall use. Producing large, solid heads, with a very short stem, frequently weighing twenty pounds. If plants are set out late it makes one of the very best winter Cabbages. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 35c, lb. \$1.25.



LATE DRUMHEAD.

Improved American Savoy. Closely resembling the Cauliflower in delicacy and delicious flavor. The best of all the Savoys for general market or home use. It has a short stump, grows to a large size, is compact, solid, and a sure header. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 35c.

Large Drumhead Savoy. Very tender and excellent for winter. The Savoys approach nearer the delicious richness of the Cauliflower than any other Cabbage; heads large and finely curled; short stalks and compact grower, an excellent keeper. Pkt. 5c, oz. 15, $\frac{1}{4}$ lb. 40c.

Cabbage & Cauliflower for Profit.

A new book written from a successful grower's point of view. Mr. Lupton has made the study of these important crops his life work, of successful Cabbage and Cauliflower culture.

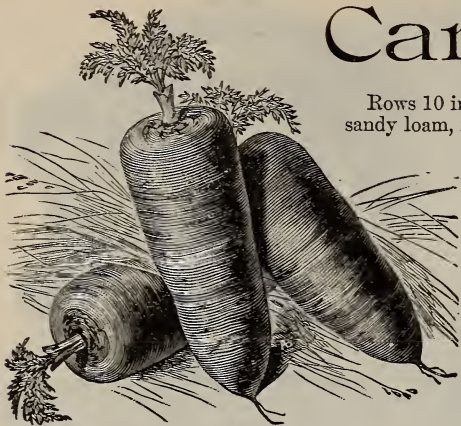
SYNOPSIS OF CONTENTS.—*Introduction,—Soil and Preparation,—Planting and Cultivation,—Fertilizers, with Formulas Adapted to these Crops,—Insect Enemies and How to Deal with Them,—Storing for Winter Marketing,—Profit and Loss.*

Price 50c, or as premium with \$2 seed order.

Carrot.

Rows 10 inches apart, 7 to 9 inches in the row. Soil light, sandy loam, richly manured and deeply dug.

Sow early as the ground can be worked for early crop; for main crop sow from the middle of May till the last of June.

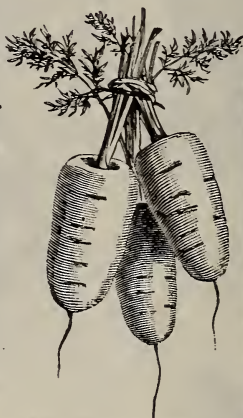


St. Vallery or New Intermediate.

Early Scarlet Horn. This has always been the general favorite for an early crop; it is of bright orange color, of delicate flavor and will grow in less depth of soil than any other variety, owing to the shortness of the roots. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c.

Improved Long Orange. This is a well known standard sort. Roots long and thick near the crown, tapering to a point; color deep orange, suitable for the table and main field crop. It requires deep soil. Pkt. 5 cents oz. 10c, $\frac{1}{4}$ lb. 25c.

Danvers Half-long Orange. A variety intermediate between the Short Horn and Long Orange. The root is of a dark orange color and grows very smooth and handsome. Pkt. 5c, oz. 10c.



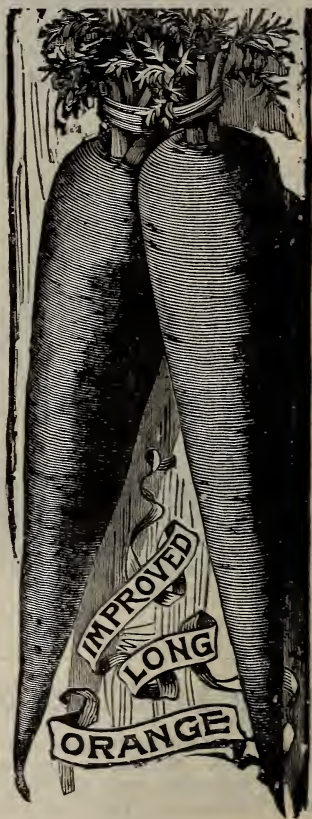
Early Scarlet Horn.

St. Vallery or Intermediate.

It grows to a uniform large size, intermediate in shape between the Half-long and Long Orange. The roots are straight and smooth, broad at the top, measuring about two and one-half inches across, with a length of about ten inches. The color is a rich orange red. In table quality it is faultless. It will be found a most excellent variety for either garden or field culture. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c.

ROOT CROPS FOR FEEDING STOCK.

See Page 10.



Gardening for Pleasure.

By Peter Henderson.

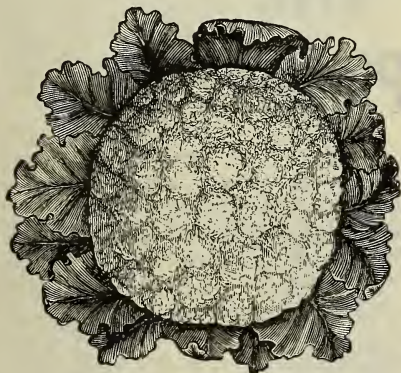
New and enlarged edition. A Guide to the amateur in the Fruit, Vegetable and Flower Garden, with full directions for the Greenhouse, Conservatory and Window Garden. This is a complete encyclopedia of horticultural information, treating on soils, fertilizers, the lawn, garden designs, culture and care of plants, green-house building, heating, cottage and window gardening, the orchard and many other important subjects. A monthly calendar of operations is also appended, which will act as a first-class guide to the amateur horticulturist.

Price postpaid, \$2.00. Free with \$5.00 Seed order.

Cauliflower.

For Spring and Summer crops, sow the early sorts the last of winter in hot-bed, and transplant into open air soon as the ground can be worked. For the late, or autumn crop, sow the late kinds about the middle of spring, and transplant like winter Cabbage. In dry weather, water freely, and as they advance in growth, hoe deep, and draw earth to the plants. After they begin to head, they should be watered every other day, and the leaves gathered and pinned over the heads to protect them from the sun and to keep them white.

Early Snowball. Highly esteemed by market gardeners for its earliness and reliability as a sure header. Tested with all other varieties, it has proven to be as early, if not earlier than any other sort. Its hardiness, sure heading and compact growth, make it one of the best for forcing or wintering over. Of dwarf habit, with very short outer leaves, allowing it to be planted close together. Pkt. 5c, $\frac{1}{4}$ oz. 40c, $\frac{1}{2}$ oz. 75c, oz. \$1.25.



EARLY DWARF ERFURT.



LENORMAND'S SHORT STEMMED.

Extra Early Paris. Heads large, white, compact and solid; of excellent flavor, tender and delicious. Leaves large, stalks short. Being so early it must always be a favorite, especially with market gardeners. Pkt. 5c, oz. 75c.

Early Dwarf Erfurt. An extra early sort, much prized in Germany for early market use. Scarcely a plant fails to produce a good head. It is of a dwarf habit, compact growth, short out-side leaves, and can be planted 20 inches apart each way. The best for market and family use; it can be relied upon. Pkt. 5c, $\frac{1}{2}$ oz. 50c, oz. 90.

LeNormand's Short Stemmed. A large late variety, with well formed heads of superior quality. Plants hardy, semidwarf, producing many leaves, which protect the close, solid curd, keeping it well protected from the hot sun by the leaves, hardy and stands dry weather. Considered by the French, one of the best sorts. Pkt. 5c, oz. 75c.

CORN SALAD.

Sow in spring in drills one foot apart; it will mature in 6 to 8 weeks. For winter and early spring use, sow in drills in August and September. Cover with straw on the approach of winter.

Large Round Leaved. A small hardy salad, extensively used during the winter and spring months as a substitute for Lettuce; also cooked and served like Spinach. Pkt. 5c, oz. 10c, lb. 60c.



Celery.

Sow in open ground as soon as it is fit to work, late in March or early in April. Keep clean of weeds, and transplant in June or July. The tops should be shorn off once or twice before transplanting, to insure stocky plants. When from 4 to 6 inches high transplant into broad, shallow trenches, 3 feet apart and 6 inches in the rows. The soil should be light, highly manured and moist, or near water, as the plants must be freely watered in dry weather. Earthing up should not be begun until the plants are quite well grown, then earth up gradually, keeping the leaf stocks together, so that the soil may not fall into the center of the plant; never earth up in wet weather or when the dew is on the plants.

Dwarf Large Ribbed. This excellent variety is very stocky robust, the whole strength of the vegetation being concentrated into the main plant. The stalks are most vigorous and the ribs grow large and solid, it is perfectly solid, white, of a fine sweet flavor and of extra good keeping quality. Pkt. 5c, oz. 20c.

White Plume. This Celery is valued because, naturally, the stalks and a portion of its inner leaves and hearts are white. By simply tying up the stalks and drawing up a little earth with hoe, the work of blanching is complete. It is ornamental, tender, crisp and of good flavor. Pkt. 5c, oz. 25c.



HENDERSON'S NEW PINK PLUME.

"Pink Plume."

The most beautiful Celery that ever graced a table.

Absolutely solid and free from stringiness.

The first and the last Celery that is fit to use.

Flavor most delicious.

This new variety is an advance in celeries that merits more than ordinary praise; it is an intermediate between white and red celeries.

"Pink Plume" Celery is a strong, healthy, compact grower, with no tendency to rust; stems very solid and crisp, extra early and a long keeper, remaining, when properly trenched, in perfect condition away into spring. The variegation on the tops does not show quite as early as the "White Plume," but the celery blanches and matures really a little earlier. It is a self-blanching variety in the same sense that "White Plume" and "Golden Self-Blanching" are—that is, it requires but a slight earthing up or banking to prepare this variety for the table. Pkt. 5c, oz. 25c, $\frac{1}{4}$ lb. 75c.

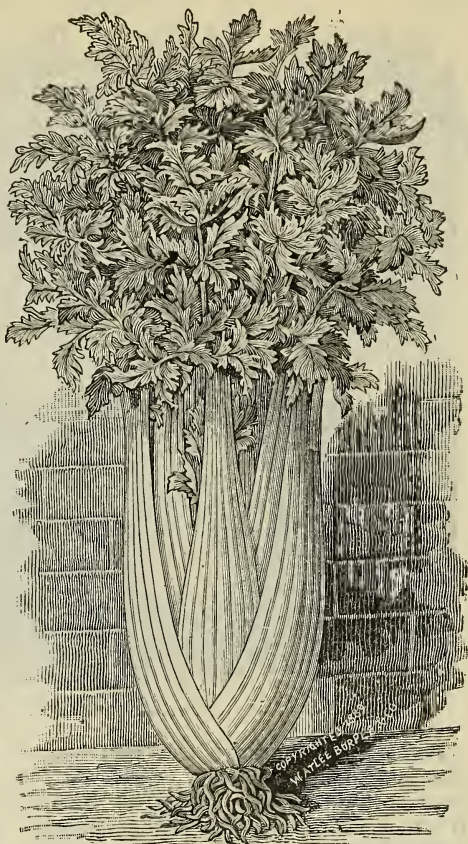
Giant Pascal Celery.

This variety is a selection from the New Golden Self-blanching Celery which has become so popular in the last few years; it partakes of the best qualities of that variety, but it is much larger and a better keeper. It is of a fine nutty flavor, being entirely free from any bitter taste. It grows about two feet high; the stalks are very broad, thick, crisp and entirely stringless. It bleaches with but slight "earthing up," and very quickly, usually in five or six days. Likely to prove a most valuable variety for both second early and mid-winter use. Pkt. 5c, oz. 25c, lb. \$2.00.

Boston Market. Favorable for its tenderness, crisp and succulent stems are of a peculiar fine flavor; it is grown almost exclusively by Boston market gardeners. Pkt. 5c, oz. 20c, lb. \$1.75.



KALAMAZOO BROAD RIBBED,



GIANT PASCAL.

Kalamazoo Broad Ribbed. It is very distinct and handsome, of a beautiful cream-white color throughout, attains a very large size, of quick growth, stiff and close habit, remarkably solid and fine flavored. Ribs are very broad, thickly and closely set, while by reason of its neat growth and showy appearance, it is a specially valuable variety for market. It is also a first-class keeper, remaining fit for use as long as the Golden Dwarf and other good keeping sorts. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 50.

Large White Solid. The best strain, of Large White Solid Celery, it attains a very large size, it is of very quick growth, stiff, close habit, of fine flavor, crisp and very tender. Pkt. 5c, oz. 20c.



DWARF GOLDEN HEART CELERY.

Dwarf Golden Heart. A very popular and distinct variety. Its habit of growth it resembles the Half Dwarf White sorts, except that when blanched the hearts, which is large and full, is of a waxy, golden yellow. It is a most striking and showy variety, for either market or private use. It is entirely solid, tender, crisp, of most excellent flavor and keeps well during winter. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb 50c.

Golden Self-Blanching. A most valuable variety which partakes somewhat

of the character of the celebrated "White Plume," in as much as it does not require such high banking up as the ordinary sorts to be fit for the table. It needs simply a slight earthing up. It is of a beautiful waxy golden color, very solid and of a rich nutty flavor. Pkt. 5c, oz. 25c, $\frac{1}{4}$ lb. 65c.

Henderson's New Rose. Very solid and an excellent keeper. The Red varieties of Celery are generally better flavored than the white. Pkt. 5c, oz. 20c.

Celery for Profit.

An Expose of Modern
Methods in Celery Growing.

BY T. GREINER.

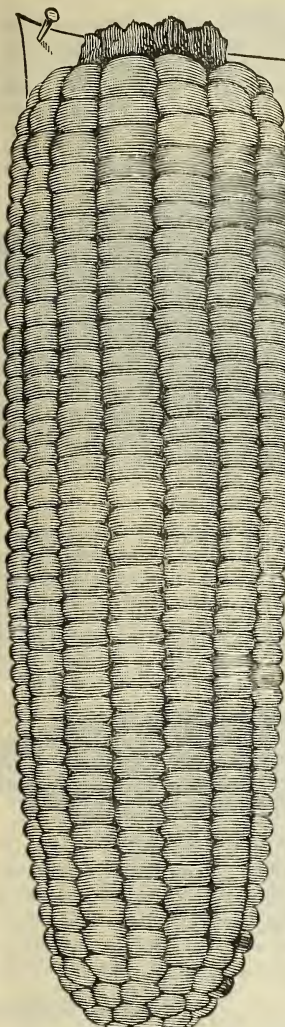
The Celery Industry has very greatly increased, and this delicious vegetable is found on nearly every table. Under the right culture and condition several thousand dollars worth can be raised on a single acre. The newer improved methods of culture are described in this volume,

and is embellished with many helpful and original illustrations. The book is thoroughly complete in every detail. Our space on this page allow us to give but a glimpse of table of contents.

Generalities:—An Introduction,—The New Celery Culture,—The Early Celery,—Where the Profit Lies,—The Irrigation Problem,—The Enemies of the Crop,—Winter Storage,—Marketing Problems,—Profit and Loss Account—Varieties, Etc.

Price 25c Postpaid, or Free as Premium
with an order for Seeds amounting to \$1.00.

SWEET CORN



The Sweet or Sugar varieties being liable to rot in cold wet ground, should not be planted before May, or until the ground has become warm, and for succession continue to plant every two weeks, until the middle of July, in rich, well-manured ground, in hills three feet apart each way, covering about one half inch and thin out to three stalks in a hill.

Extra Early Cory. The ears are even larger and better filled out than the Red Cory, and become fit for use a little earlier. It has the great advantage of a clear white grain with white cob, making it one of the best extra early varieties for either the market or private garden. Pkt. 10c, pint 15c, qt. 25c.

Early Minnesota. Very early. A decidedly excellent variety; ears fair size and uniform. Pkt. 10c, pint 15c, qt. 25c.

Early Champion. This is without a doubt the earliest large corn yet introduced, only a few days later than the well known Early Minnesota, with ears almost as large as the Stowell's Evergreen. Ears have been grown with special culture ready for the table in 61 days from the time of planting, and weighing $1\frac{1}{2}$ lbs. It has a medium size cob and large deep, pearly white grains, very sweet, tender and full of milk. Pkt. 10c, pint 15c, quart 25c.

Black Mexican. It is very early, produces good sized ears, from two to four ears to the stalk and is considered by all who have used it, to be the most sugary of all Sweet Corns; when fit for the table it is remarkably white, and when ripe the grains are a blue black. Pkt. 10c, pint 15c, quart 25c.

Old Colony. A sweet, tender sort, with large, handsome ears, 10 to 12 rowed. A selection of Evergreen type. It is just as sweet, but about ten days earlier. A desirable sort for market and home use. Pkt. 10c, pint 15c, qt. 25c.

Stowell's Evergreen. Now recognized everywhere as a standard variety, both for home use and market, and is the general favorite. The ears are of a large size, grains deep, exceptionally tender and sugary, and has the advantage of remaining longer in the green state than any other. Our stock has been carefully grown and selected to avoid the tendency to a shorter grain and deterioration in the evergreen character of this best of all late sorts. Pkt. 10c, pint 10c, quart 25c.

Mammoth Late. The largest variety and late, twelve to sixteen-rowed; cob white, large and well filled; very productive and of fine flavor. Pkt. 10c, pint 15c, qt. 25c.

Country Gentlemen. The most delicious of all Sweet Corns. The ears, of fair size, are produced in abundance, and less showy than the coarser varieties, but for private family use, where quality is preferred to size, it has no equal. The cob is very small, giving great depth to the kernels. The great merit of Country Gentlemen is its fine quality; without doubt it is the sweetest and most tender of all sweet corns. Pkt. 10c, pint 15c, quart 25c.

Pop Corn.

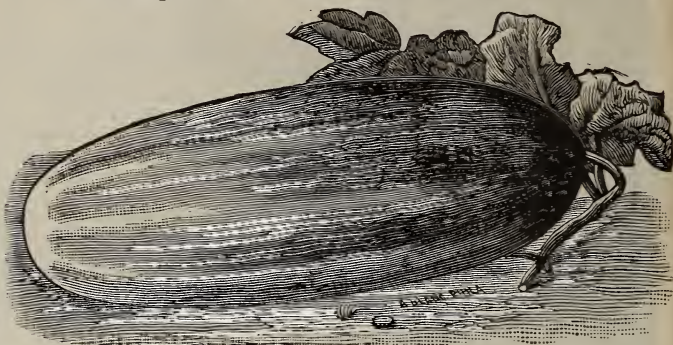
White Rice. A very handsome variety; ears short, kernels long, pointed, and resembles rice; color white, very prolific. Pkt. 5c, pint 20c.

Queen's Golden. The largest of all Pop Corns. It pops perfectly white and expands to nearly an inch in diameter. Pkt. 5c, pint 20c.

Cucumber.

Improved Early White Spine.

One of the most popular varieties both for market and table use. Vines vigorous, fruiting early and abundantly, fruit uniformly straight and handsome, light green with a few white spines, flesh crisp and of very fine flavor. Largely grown for forcing and in the South it is extensively grown for shipping to the Northern markets early in the season. Pkt. 5c, oz. 10c.



IMPROVED EARLY WHITE SPINE.

Early Russian. Earliest in cultivation; hardy, prolific and fine for pickles; unsurpassed for table use. Pkt. 5c, oz. 10c, lb. 69c



EARLY GREEN CLUSTER.

Early Green Cluster. This is a much esteemed early variety, growing in clusters, and extremely productive. Its color is of bluish green, shading to lighter at the extremities. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.

Boston Pickling or Green Prolific. A new variety; selected with great care by one of the largest growers of pickling Cucumbers in the country; with good culture 200,000 can be grown on one acre. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c.

Improved Long Green. Produced by selections from the Long Green. Vines vigorous and productive, forming fruit fit for the table nearly early as the shorter sorts; fruit about twelve inches long, firm and crisp, with very few seeds. The young fruit makes one of the best of pickles and when grown to maturity is the best of any for sweet pickles. Pkt. 5c, oz. 10c, lb. 60c.

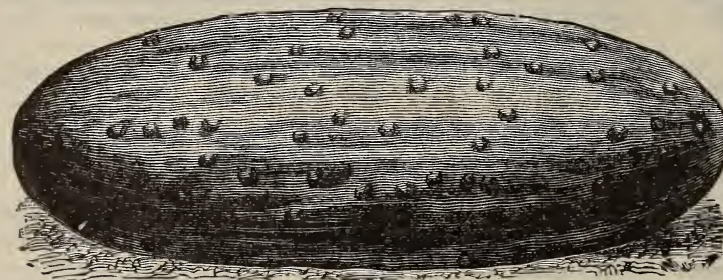


IMPROVED LONG GREEN.

Gherkin or Burr. A very small, oval-shaped, prickly variety. It is grown exclusively for pickling; it is the smallest of all the varieties and should be picked when very young and tender. The seed is slow to germinate. Pkt. 5c, oz. 15c.

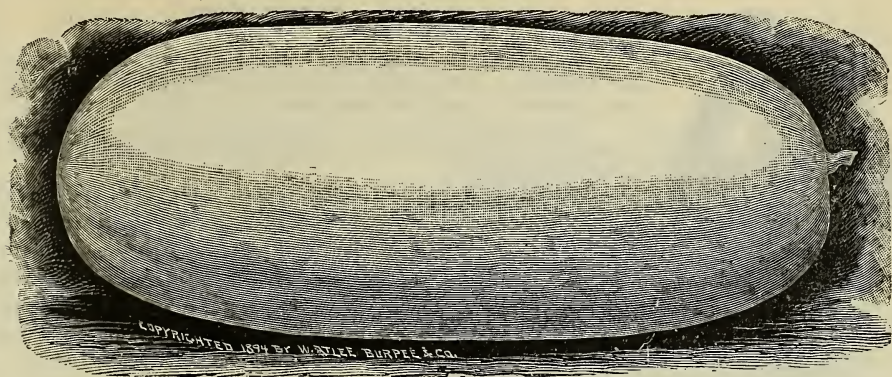
Nichol's Medium Green.

We consider this variety the most valuable sort that has been introduced since the advent of the Green Prolific variety. As a pickle sort Nichol's Medium Green will be found unequaled and for early forcing purposes or for slicing,



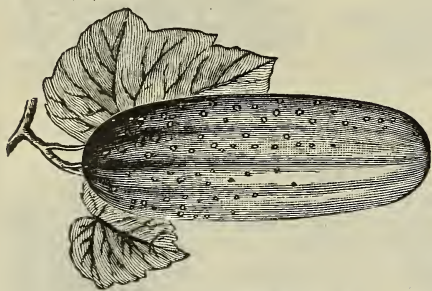
NICHOL'S MEDIUM GREEN.

there is no better variety. It is exceedingly productive, of medium size and always straight and smooth. The color is dark green, flesh tender and crisp. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.



BURPEE'S WHITE WONDER CUCUMBER.

It surpasses the White Pearl, both in handsome appearance and fine quality, while its strong, vigorous, healthy habit of growth enables the vine to produce a large crop of perfect fruit, even under adverse conditions. Its strong constitution is remarkable; even in the exceptionally unfavorable seasons, either by weather or disease, the strong, vigorous vines retaining their full, green foliage until the cucumbers are almost ripe for seed. The cucumbers are thickly set throughout the length of the vine and are uniform in color, shape and size; they average about eight inches long by two to two and a half inches through; the skin is thin, but tough, and the pearly white flesh is exquisitely fine in quality, quite brittle, and remains solid for a long time. The color is always ivory white. Pkt. 5 cts. oz. 10c, $\frac{1}{4}$ lb. 30c, lb. 90c.



EVERGREEN WHITE SPINE.

Evergreen White Spine. To those who have never grown this valuable variety we would state that it differs from the ordinary White Spine in holding its deep green color much longer,

before and after being taken from the vines. It is also earlier and more productive. The fruit is of good size, straight, well formed and full at both ends. Tender, crisp, and best for slicing. As a shipping and market variety it is superior, its fine appearance always insuring "top notch" market price. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.

Early Short Green or Frame. Plants very vigorous and productive. Fruit straight, handsome, slightly smaller at each end, bright green, lighter at the blossom end, with crisp, tender flesh and when young, makes excellent pickles. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.



Gardening For Profit.

By Peter Henderson. A guide to the successful culture of the Market and Family garden. Although written mainly for the market gardener, the amateur interested in vegetables or fruits can easily adopt its teachings to the smallest re-

quirements. Contents:—*The Forcing of all Vegetables and Fruit under Glass—The Amount of Capital Required and Working Force per Acre—Soils, Preparation—Manures—How, When and Where to Sow Seed—Transplanting—Vegetables and cultivation—Preservation of Vegetables—Calendar of Operation.* Illus., cloth, 12mo.

Price \$2.00 or Free for a \$5.00 order for Seeds.



EGG PLANT.

The Egg Plant will thrive well in any garden soil but will repay good treatment. The seed should be sown in hot-bed or warm green house in March or April, and when about an inch high pot in two-inch pots. Plant out about June 1st, two and a half feet apart. If no hot bed is at hand they can be grown in any light room where the temperature will average 75 degrees.

Early Long Purple. This is one of the earliest and most productive varieties; fruit long, dark rich purple and of fine quality. Pkt. 5c, oz. 20c.

New York Improved Purple. The best variety in cultivation, being early, sure cropper and of fine quality. Plants large, vigorous with light green leaves; fruit large oval, deep purple, with occasional dashes of green about the stem; flesh white, tender and of superior quality. Pkt. 5c, oz. 30c.



Moss Curled.

White Curled. While the leaves are not so tender as those of the Green Curled, it is the most beautiful variety; the mid-rib is yellow and the leaves are almost white. Pkt. 5c, oz. 20c, lb. \$1.60.

Broad-Leaved Batavian. Forms large heads of broad, thick leaves, used for flavoring soups and stews, while if blanched the inner leaves make a fine salad. Pkt. 5c, oz. 20c, lb. \$1.60.



Broad-Leaved Batavian.



KOHL RABI.

inches apart each way, and as deep as possible without covering center leaves.

Large American Flag. A large and excellent sort. The favorite variety. It grows to a good size and wonderfully uniform. This is preferred by the most critical market gardeners in the vicinity of New York. Pkt. 5c, oz. 15c, lb. \$1.35.

KOHL RABI.

A vegetable intermediate between the Cabbage and Turnip. Cultivate same as Turnips in rows 16 inches apart and 8 inches apart in the row.

Early Purple Vienna. This variety is the most largely grown for table use in Germany and Australia. The color is a bright purple, with the leaf stems tinged with purple. Pkt. 5c, oz. 20c, lb. \$1.60.

LEEK.

Sow early in rich ground, in drills six inches apart. When seven inches high transplant them in rows eight



LEEK.

Lettuce.

Lettuce requires a very rich soil and appliance the skillful cultivator can give, in order to obtain that crispness, juciness and delicate flavor. In sowing of seed during the dry hot weather, the ground should be kept moist and shaded as the sun will burn the germinating power out of the seed.

DENVER MARKET.

This is an early variety of head lettuce, either for forcing or open ground. It forms large, solid heads, of good, light green color and is very slow to run to seed. The leaves are beautifully curled and crimped, and are very tender, crisp and of excellent flavor. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 80c.

Early Curled Simpson. This variety, properly speaking, does not head, but forms a compact mass of leaves; earliest and best for market. Pkt. 5c, oz. 10c.

Early Curled Silesia.

An early variety of very strong growth, leaves large, light yellow, wrinkled. It makes a large loose head of leaves, of tender and excellent quality. Pkt. 5c, oz. 10c, lb. 80c.

Boston Curled. Excellent, of superior, crisp and tender quality. Pkt. 5c.



Early Curled Silesia.

New York. It is of unusual size and solidity of head, with but little tendency to run to seed. It has been grown to eighteen inches in diameter, and weighing nearly four lbs., with heads almost solid as an early summer Cabbage, which in general form it somewhat resembles. The variety naturally blanches itself, is crisp, tender, of excellent

flavor and always free from bitterness. The out side color is of a clear, deep apple green, while on the inside the color is yellowish white. It is not a forcing variety, but is certainly one of the best varieties for summer use ever introduced. Pkt. 5c, oz. 10c, lb. 80c.

Grand Rapids. As a lettuce for greenhouse forcing, this variety undoubtedly stands at the head of the list, being of quick growth, tender, crisp, and standing for some days after being fit to cut. The plant is up right, and forms a loose head of large, light yellowish-green leaves, which will stand shipping long distances better than most sorts. Pkt. 5c, oz. 10c, lb. 80c.



GRAND RAPIDS.

Early Prize-Head Lettuce.

This old standard sort still stands at the head of the large, thin leaved, clustering sorts. The very large leaves are savoyed or crimped, bright green, tinged with red, and are exceedingly tender, crisp and sweet, forming a large loose head. This variety is one of the very best for the garden, but is not a good sort to ship long distances. Pkt. 5c, oz. 10c, lb. 80c.



EARLY PRIZE-HEAD.

White Summer Cabbage. Produces fine, greenish-white, large heads, of extra quality, remarkably tender and crisp, sure to head, of quick growth. It is one of the best for forcing, and also for summer use, as it is slow to shoot up to seed and resists the heat well. Pkt. 5c, oz. 10c, lb. 80c.



EARLY CURLED SIMPSON.

Early Curled Simpson. (*Black Seeded.*) A new and desirable variety of the Curled Simpson. Does not produce a solid head, but a compact mass of leaves, which are of a much lighter color than the ordinary Simpson, and forms heads double the size. It is not only a good forcing variety, but a desirable sort for early summer, as it stands the heat remarkably well. Pkt. 5c, oz. 10c, lb. 80c.



White Summer Cabbage.

New Perpetual. For family use this is one of the best, forming large, compact bushes, the leaves curling outward from the top, extra quality, crisp, rich and tender. Pkt. 5c, oz. 10c.

Tennis Ball Black Seeded. Well formed heads, hardy and crisp; of excellent quality, one of the earliest heading varieties. Pkt. 5c, oz. 10c.

Improved Large Hanson. Heads very large, solid, sometimes weighing two or three pounds, tender, crisp and of fine flavor; color beautiful green outside and white within. Stands the summer heat well; and one of the best in cultivation. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, lb. 80c.



Improved Large Hanson.

Cos, Early White Self-Folding. A distinct Cos Lettuce which does not need tying up. The leaves are yellowish-white in color, long, narrow, upright, folding into a solid head like that of an Early York Cabbage and very crisp and tender. This is a truly self-blanching lettuce of superior flavor. Pkt. 5c, oz. 10c, lb. 80c.

To Market Gardeners

Buying large amounts of SEEDS, send us a list of what you want and ask for special prices, to market gardeners that buy large quantities.

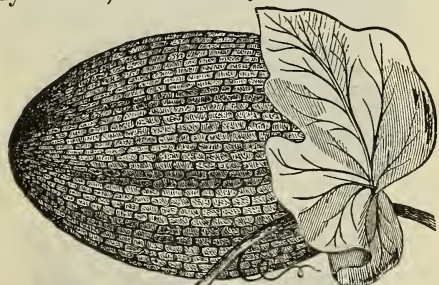


GREEN NUTMEG.

Montreal Market. Nearly round, flattened at the end; deep, regular ribs; skin densely netted; flesh thick, and of delicious flavor. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.

Casaba. One of the largest and best Musk Melons in cultivation. Its usual weight when well grown, is from twelve to fifteen pounds. Flesh, green, very sweet, melting and delicious. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.

Jenny Lind. The earliest of the green-fleshed kinds and one of the sweetest. Small, slightly ribbed; skin thickly netted. Pkt. 5c, oz. 10c.



Green Fleshed Osage. This is one of the most profitable of all melons for the market gardener, of very uniform quality; it makes no difference what the size of the melon may be, large or small, they are all sweet and delicious. The skin is very thin, dark green and slightly netted. The green flesh is remarkably sweet, and of a luscious, spicy flavor; extremely thick and delicious to the rind. It is a remarkable keeper and good for shipping. Pkt. 5c, oz. 10c.

Banquet. Fruit medium sized, round and flattened at both ends and densely netted; flesh deep salmon color, very thick and most delicious of all melons. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.

MELON, Musk.

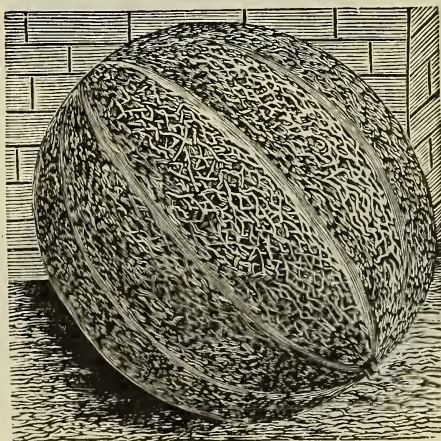
Melons thrive best in a moderately enriched light soil the hills should be from 3 to 6 feet apart each way according to the richness of the soil. Sandy soil is the most suitable for Melons.

Green Nutmeg. It is regarded as the *ne plus ultra* of its species. It is of large size, thickly netted and deeply ribbed; flesh deep green, rich, sweet, melting and of delicious flavor. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.



Montreal Market.

Bayview. This celebrated variety is very large, fine flavored, and remarkably productive, being a strong, vigorous grower. With ordinary cultivation the Bayview will grow to weigh from six to ten pounds, while with extra manuring it will reach ten to fifteen pounds in weight. It has light-green flesh. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.



GREEN FLESHED OSAGE.



EARLY HACKENSACK.

Emerald Gem, MUSK MELON.

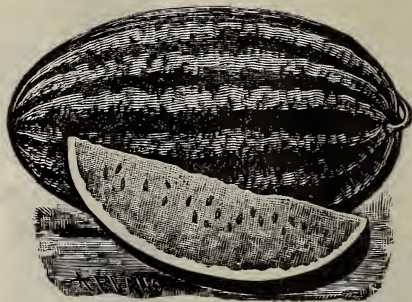
A distinct and deliciously flavored melon; very early and prolific. Skin ribbed, yet smooth and of a deep emerald gem. The flesh, which is thick, is of a suffused salmon color, exceedingly sweet and delicious, and very thick meated. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.

Hackensack. It attains a large size, round in shape and flattened at the end; skin green and thickly netted; the flesh also is green, rich and sugary in flavor. It is wonderfully productive. Pkt. 5c, oz. 10c, lb. 55c.

Melon, Water.

They require a light sandy soil, over rich. Plant them in hills as directed for musk melon, giving them more room, as their vines extend much farther. If they are wanted of large size, three melons to each vine will be sufficient. If they are planted near other vines they will hybridize and greatly injure the flavor of the fruit.

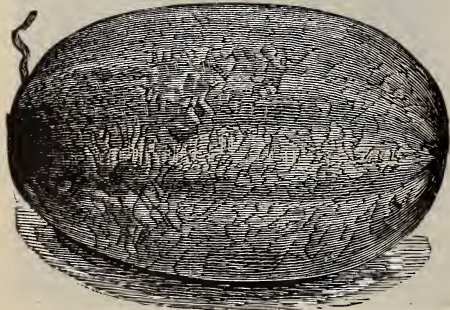
Ironclad. A variety of undoubted excellence, of large size and weight, fruit of it averaging nearly fifty pounds each. The flesh is deep red and of a delicious rich flavor, holding its fine qualities very close to the skin. For shipping and keeping qualities, the Ironclad is unsurpassed. The vines are strong-growing, and it is a most valuable acquisition. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.



MAMMOTH IRONCLAD.

Ferry's Peerless. This is unquestionably the best water melon in cultivation. Of medium size, thin rind, light mottled green; flesh bright scarlet solid to the center, crisp, melting and sweet. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.

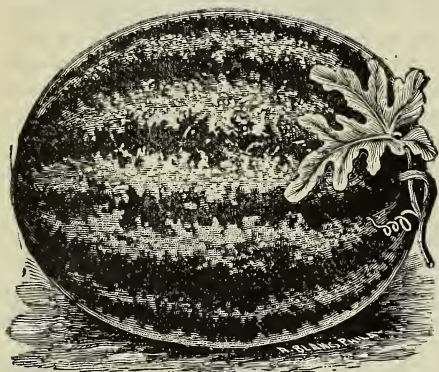
Mountain Sweet. A large long, oval variety, skin striped and marbled with different shades of green; flesh scarlet, quite solid to the center; very sweet and delicious. Pkt. 5c, oz. 10c, lb. 60c.



FERLY'S PEERLESS.

Kolb's Gem, Water Melon.

It is a hybrid of the Scaly Bark and Rattlesnake, and is an excellent shipping sort. It has a tough rind, and carries in good condition without breakage. The stripes are of a light green, generally narrow and of a dull color. The flesh is bright red and of good flavor. The melons grow to a fair market size, from thirty to fifty pounds each in weight. Pkt. 5c, oz. 10c, lb. 60c.



KOLB'S GEM.

Duke Jones. Many new water melons have been introduced of late, but there will always be room for an improved variety, and this the Duke Jones must, according to the testimony of those who handled it on a large scale.

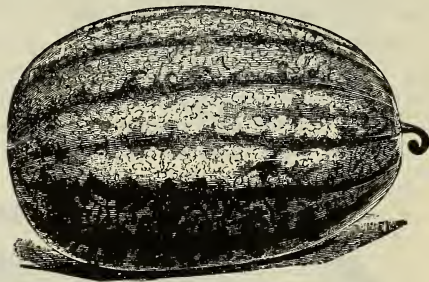
It is a nearly round variety, of enormous size, of surpassing quality and excellent shipper. It has ever desirable quality, large size and remarkable bearer. Pkt. 5c, oz. 10c, lb. 60c.

Dixie. Is a cross between the Kolb Gem and Mountain Sweet, surpassing the former in shipping qualities and fully equalling the latter in fine eating quality and flavor. It is from a week to 10 days earlier than either, has a remarkably thin, tough rind, and as a keeper and shipper it has no equal. Its productiveness is unequaled; vines possessing the valuable quality of rooting from every joint. The flesh is bright scarlet, of fine quality, almost down to



the skin. The melons are of a dark green color and most beautifully striped, of oblong shape. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.

Cuban Queen. Skin beautifully striped, dark and light green. The flesh is bright red, remarkably solid, luscious, crisp and sugary, very solid and the best of keepers; excellent to ship to distant markets. Specimens have been grown to weigh over eighty two pounds; are enormously productive. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.



CUBAN QUEEN.

How to Grow Melons FOR MARKET.

In order to present the subject to our readers in a comprehensive and concise manner, from the Prize Essays. It treats on both Musk-melons and Water-melons, with full information on the selection of soil, use and application of manures, selection of suitable and profitable varieties, planting of seed, destruction of insects, copious notes on the cultivation, how to grow extra large melons, how and when to gather for market, etc.

Price 30, or free with \$2.00 seed order.

ONION.

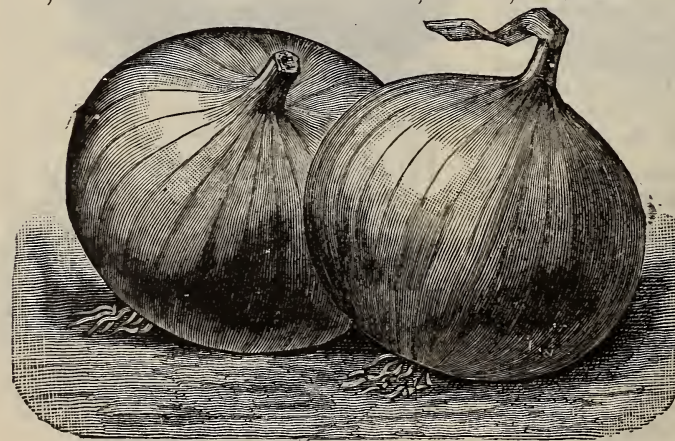
Sets furnish large onions early, well as the first green onions for the table use. Plant the sets as early in Spring as possible, in shallow drills, one foot apart, and four inches between sets. They can be used in a green state in June, and are ripened off by July. To grow sets, sow seed in Spring very thickly in bed or drills. When the tops die down, gather the little bulbs, store them away in a dry and airy place.

White Silver-skin or Portugal. Very desirable for family use; flavor mild and pleasant; skin silvery white; of fine appearance; highly esteemed for pickling when young. Pkt. 5c, oz. 20c, lb. \$2.00

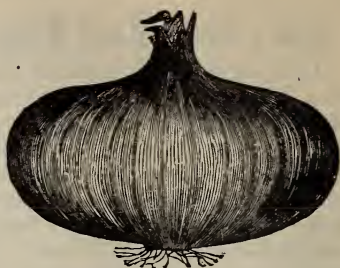


are excellent, flesh and skin pure white, and keeps perfectly sound without losing its flavor; fine for pickling. Pkt. 5c, oz. 20c, lb. \$1.80

Yellow Dutch or Strawsburg. The most popular variety for sets, grown so extensively by market gardeners. The sets of this variety grow round, plump and bright. Full sized onions are somewhat flattened, flesh pure white, mild flavor and an excellent keeper. Skin yellow, darker than Danvers. Pkt. 5c, oz. 15c, lb. \$1.25.



YELLOW GLOBE DANVERS.



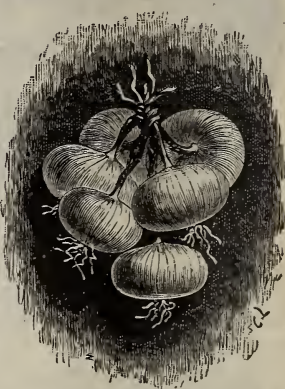
Extra Early Red.

Extra Early Red. A good medium sized, flat variety, very uniform in shape; smaller than Red Wethersfield, but about two weeks earlier; abundant producer; good keeper; very desirable for early market, and good where seasons are short, on account of its rapid growth requiring short time to mature it; grows handsome sets. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 40c.

Earliest White Queen.

Sown in February they will produce onions from 1 to 2 inches in diameter in early summer. If sown in July, they will be ready to pull late in autumn.

The quality and flavor



Earliest White Queen.

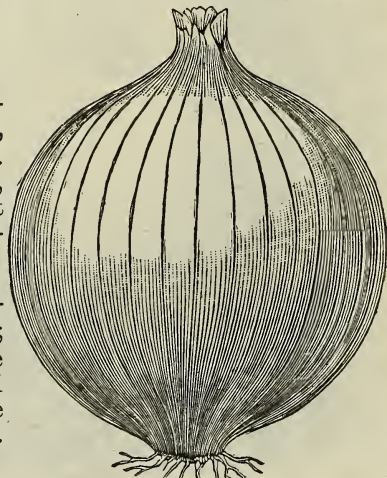
Yellow Danvers.

This is the standard variety everywhere. It is of a beautiful golden color; bulb large size, quite early, thick, bottom nearly flat, oval top, with small neck, very prolific and a first-class keeper and shipper; has a thin skin, flesh pure white, and more mild flavored than the red sorts. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 40c, lb. \$1.25.



Large Red Wethersfield. This is the standard variety and the favorite Onion in the east, where immense crops are grown for shipment. Large size, skin deep purplish-red; form round, flesh purplish-white; very productive, the best keeper, and most popular for general cultivation. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 45c, lb. \$1.40

Southport White Globe. A large globe-shaped Onion, firm, fine grained, of mild flavor; yields abundantly and keeps well. This is one of the handsomest Onions grown, of beautiful shape, clear, white skin and commends the highest market price. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 60c, lb. \$1.80.



WHITE GLOBE.

Mammoth Silver King. This is the largest of the white Italian Onion, and attains an enormous size in one season from the seed. This sort is deserving of extensive cultivation, and will be found especially serviceable in family gardens, as it is of mild flavor, attractive in appearance and a good keeper. It matures early, and is uniformly of large size smooth and of fine shape, being flattened but very thick. The skin is of a beautiful silvery-white, flesh white, tender and sweet flavored. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 90c, lb. \$2.00

Large Red Italian Tripoli. A large, red flat Onion, of delicate flavor. Like the other Italian sorts, it is free from strong ammonia and adds to its other good qualities that of keeping well during the winter. Pkt. 5c, oz. 15c, lb. \$1.50.



MAMMOTH SILVER KING.



Prizetaker Onion.

The illustration above engraved from nature correctly shows the handsome appearance of this distinct and very valuable variety. All who have grown it say it is the largest, handsomest and most profitable variety to grow. They are of a clean bright straw color, the flesh being pure white, very sweet and tender. Of perfect globe shape and are always uniform. In all large cities in the fall of the year these onions can be found on sale at the fruit stands and commend the highest prices. Either for market, family use or exhibition purposes it has no equal and as a keeper it is unsurpassed. It will yield

950 bushels and over per acre. Our stock of seed this season is very limited, but we hope to be able to supply the demand. Pkt. 5c, oz. 20c, lb. \$2.00.

Onions for Profit.

The New Onion Culture by T. Greiner.

This new work is written by one of our most successful agriculturists, and is full of new, original, and highly valuable matter of material interests to every one who raise onions in the family garden, or by the acre for market. By the process here described a crop of 2,000 bushels can be easily raised. A complete and exhaustive treatise; in every way a thoroughly reliable guide to Preparation of the soil—Manure; how, when and what kind to apply, Seed-sowing, the Seed-cultivating, Harvesting, How to Market, Storing for Winter, American and Italian varieties.

Price 50c, or free with \$2.00 seed order.

PARSLEY.

Parsley succeeds best in a rich mellow soil. As the seed germinate very slowly, it should be sown early in spring, in rows 1 foot apart and $\frac{1}{2}$ an inch deep. For winter use, protect in a frame or light cellar.

Double Curled. A desirable market variety, as much curled as the Garnishing varieties, but stands the winter. Pkt. 5c, oz. 10c, lb. 80c.

New Fern Leaved. New sort of recent introduction; very beautiful, resembling a fern; it is used very extensively for garnishing purposes. Pkt. 5c, oz. 15c, lb. \$2.00.



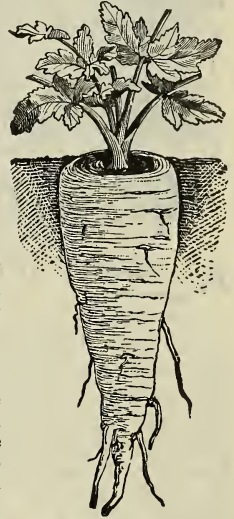
NEW FERN LEAVED.

PARSNIP.

Sow early as the ground opens in spring, in drill one inch deep and fifteen inches apart. When well up thin out to five or six inches in the row.

Long White Dutch. Roots very long, white, smooth, tender, sugary and most excellent flavored. Very hardy and will keep through winter without protection. Pkt. 5c, oz. 10c, lb. 70c.

Hollow Crown. Roots long; grows mostly below the surface; has a smooth, clean skin and is easily grown. It may remain in the ground during winter. Pkt. 5c, oz. 10c, lb. 70c.



HOLLOW CROWN.

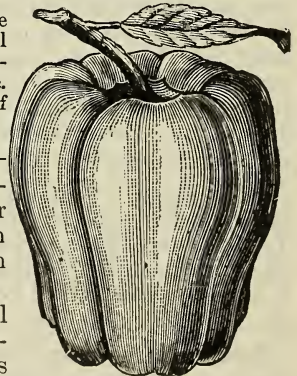
PEPPER.

Sow in hot-bed in March or in open ground in the middle of spring in light, warm ground. When three inches high, transplant 18 inches apart each way and hoe frequently.

Sweet Mountain. Similar to the Bull Nose but larger and milder in flavor. Used to make stuffed pickles. Pkt. 5c, oz. 20c, lb. \$2.00.

Cayenne. Fruit long bright red; flesh strong and pungent. Pkt. 5c, oz. 20c.

Large Bell. Large sort, of inverted bell shape, suitable for filling with cabbage, etc. Flesh thick and one of the earliest. Pkt. 5c.



GOLDEN DAWN.

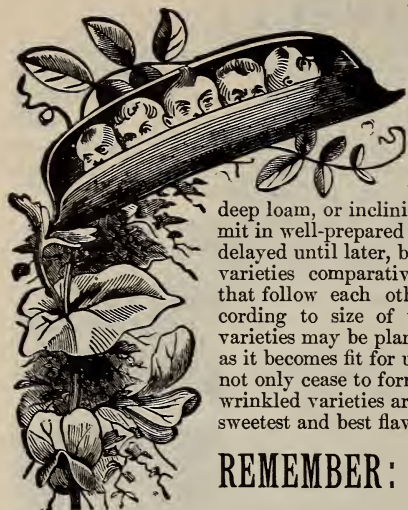


IMPROVED RUBY KING.

Ruby King. An exceedingly large, handsome Pepper; the fruit is of a bright ruby red, from $4\frac{1}{4}$ to 6 inches long by 9 to 12 inches in circumference. The flavor is remarkably mild and can be sliced and eaten with salt and vinegar like tomatoes and cucumbers, or it can be used as a salad. Pkt. 5c, oz. 10c, lb. \$2.00.

Golden Dawn. In shape resembling the popular Bell or Bull Nose Pepper; it is of a most beautiful golden yellow color; sweet; productive and the dwarf bushy plants being laden with fruit. Pkt. 5c, oz. 20, lb. \$2.00.

PEAS.



In spite of the multitudes of varieties now in cultivation, there are each year many new sorts brought out, each of which is claimed to be superior. We take great pains to secure and offer the best varieties for sale. Peas mature earliest in a light, rich soil; for general crop, a rich deep loam, or inclining to clay is best. Plant early as the weather will permit in well-prepared soil, and cover two inches deep. The general crop can be delayed until later, but we have met with better success from sowing all the varieties comparatively early, depending for succession upon selecting sorts that follow each other in ripening. Rows from two to four feet apart according to size of variety; but where space in the garden is small the dwarf varieties may be planted close as one foot. The crop should be gathered fast as it becomes fit for use. If even a few pods begin to ripen, young pods will not only cease to form, but those partly advanced will cease to enlarge. The wrinkled varieties are not hardy as the small smooth sorts, however, the sweetest and best flavored varieties.

REMEMBER: Peas sent by mail add 15c per qt. extra.

ALASKA, or Earliest of All.

The earliest blue pea, very uniform in growth. The dark green color of the pods makes it extremely desirable, as it can be carried long distances without losing color, which quality, combined with its earliness and uniformity of ripening, makes it a most desirable extra early pea for market gardeners; height, two feet. Pkt. 10c, qt. 25c.

NOTT'S EXCELSIOR.

The most valuable of all
Dwarf Early Wrinkled Peas
Surpassing in Earliness, Yield and Quality.

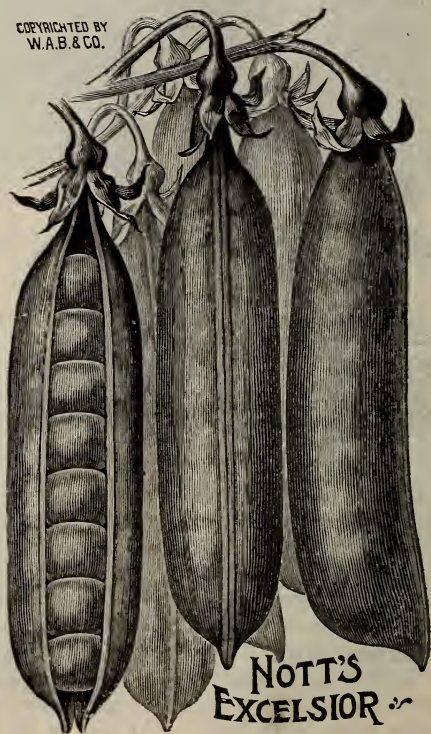
This is an extra early dwarf wrinkled Pea, usually ready for the table in 40 to 45 days from planting, only a few days later than the early round sorts. It grows about 14 inches high, or about half as tall as the American Wonder. It is of vigorous constitution, and wonderfully productive. Pkt. 10c, qt. 25c.

Blue Peter. This may be called a larger, better and an earlier form of Tom Thumb, having blue seed when ripe. Is remarkably dwarf, very early, a capital bearer and of excellent quality. Pkt. 10c, pint 15c, qt. 25c.

Carter's First Crop. Very early, productive, good flavor. Pkt. 10c, qt. 25c.

Extra Early. An extra early strain of this splendid market garden pea, remarkable for its uniform growth, great productiveness. Pkt. 5c, pt. 15c, qt. 25c.

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W.A.B. & CO.



PHILIPS'

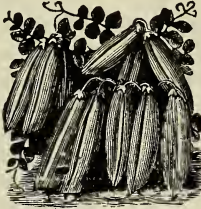
FIRST & BEST PEAS.

Purity of Type and
Perfection in Quality.

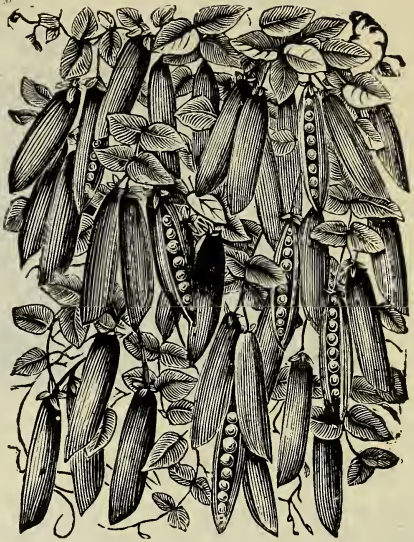
By most careful comparison we are convinced that this is the earliest and most even stock of white Extra Early Peas in existence, maturing so well together that a single picking will secure the entire crop. Vines vigorous and hardy, two to two and one-half feet high, unbranched, bearing three to seven straight pods, having five to seven medium sized, smooth peas of good quality. The dry peas are medium sized, smooth, yellowish-white. Pkt. 10c, pint 15c, qt. 25c.

McLean's Little Gem. A green wrinkled variety which comes into use a few days later than the First and Best. It grows from twelve to sixteen inches high, is very prolific, and of excellent flavor. Pkt. 10c, pt. 15c, qt. 25c.

Early Tom Thumb. Very dwarf, not exceeding ten inches in height, stout and branches very early, of excellent quality, yields abundantly; it requires no sticks. Pkt. 10c, pt. 15c, qt. 25c



TOM THUMB.



PHILIPS' FIRST AND BEST.

Premium Gem. This is an improvement on the Little Gem, bearing more pods and surpassing it in productiveness. The flavor is delicious, and in all essential qualities it is unsurpassed. The most profitable early wrinkled variety for the market gardener, and highly recommended for family use. Twelve to fourteen inches high. Pkt. 10c, pt. 15c, qt. 25c.

Bliss' Ever-bearing. A new variety maturing soon after the Gems, and continuing a long time in bearing. Vine stout, about 18 inches high, bearing at the top six to ten broad pods. If these are removed as they mature; and the season and soil are favorable, the plant will throw out from the axis of each leaf branches bearing pods which will mature in succession, thus prolonging the season. Peas wrinkled, large, cooking quickly, very tender and of superior flavor; plant thin in rows. Pkt. 10c, qt. 25c.

Dwarf Gray Sugar. Of extraordinary yielding, qualities unsurpassed. Pkt. 10c, pint 15c, qt. 25c.



CHAMPION OF ENGLAND.



AMERICAN WONDER.

American Wonder Peas.

The best advertised Pea of this generation, but a variety far better suited for private use than the market garden, as it is not productive enough to make it as much grown as a market sort. It is one of the second earliest wrinkled peas; and its distinctiveness consists in its extreme dwarf growth, which rarely exceeds 10 inches in height. Its flavor is of the finest quality. Pkt. 10c, qt. 25c.

Bliss' Abundance. Pods 3 to 3½ inches long; rounded and well filled, containing 6 to 8 large wrinkled peas of excellent quality. It ripens about one week after the earliest kinds. Stalks should stand 7 to 8 inches apart in rows. Pkt. 10c, pt. 15c, qt. 25c.

Telephone. One of the finest, tall wrinkled marrows yet introduced. It is immensely productive; of the best quality, and excellent, sugary flavor; vines very strong, averaging 18 to 20 pods to the stalk. The pods are of large size and closely packed with large, delicious peas. Height 3 to 4 feet. Pkt. 10c, pint 15c, qt. 25c.

Champion of England. Universally admitted to be the richest and best flavored Peas grown, and very productive; the pods and peas are of the largest size; height 4 feet, seed whitish green and little shriveled. Pkt. 10c, pt. 15c, qt. 25c.

Paragon. This grand new Pea is without a doubt the most valuable acquisition in new Peas made in recent years. The Paragon Pea was introduced by Mr. W. H. Grenel, Pierrepont Manor, N. Y., who claims it to be the best Pea that has yet been introduced, on account of its vigorous growing, stubbed, stocky vines, to the height of about three feet, with luxuriant foliage; with one new feature, the "PARAGON" possesses that no other Pea has, that it is double podded, bearing two large straight pods on stem; that alone will commend its self to the best place in the garden, and most valuable to the gardener for the abundance of light green; straight pods filled with six to nine large peas of the most delicious flavor of any peas known. Pkt. 10c, pint 15c, qt. 20c.

Dwarf White Marrowfat. A large, delicious marrow pea; an excellent cropper and a favorite with gardeners; height 2 feet. Pkt. 10c, pt. 15c, qt. 25c.

Melting Sugar. Grows to the height of 5 feet, bears a profusion of large, broad pods, which are so brittle that they snap without any string. It should be used in much the same way as a Wax Bean. The pods when cooked are very sweet and tender. Pkt. 10c, pint 15c, qt. 25c.



May be planted from middle of May to the first of June, in the field or garden, in hills 6 to 8 feet apart each way, according to space of ground and richness of soil, three seeds to the hill.

Cashaw. Long, striped crook neck, similar to the crook-neck winter Squash; the best for table use or feeding stock; flesh yellow, solid, fine grained and sweet. Pkt. 5c, oz. 10c, lb. 60c.

Sweet Potato. (*Tennessee*) Of a large size, pear shaped, green and white, flesh thick, cream white, remarkably fine grained, dry and most excellent flavor. Hardy, very productive, and

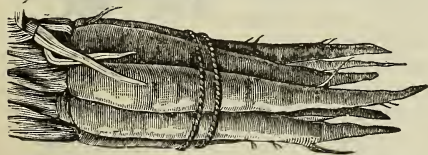
keeps well until late in winter. This variety we recommend as being superior to any other variety for cooking. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.

Large Cheese. (*Sweet*) One of the best for table use, productive, skin green and orange, flesh yellow and sweet. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 65c.

Connecticut Field. A large yellow sort for stock. Per lb. 30c.

SALSIFY. Oyster Plant.

The Oyster Plant succeeds best in light, well-enriched mellow soil, which, previous to sowing the seeds, should be stirred to a depth of eighteen inches. Sow the seed early in spring, in drills one foot apart and one inch deep, thinning out the young plants to four inches. The roots will be ready for use in October, when a supply for winter use should be taken up and stored like carrots. Those remaining will suffer no injury by being left in the ground until spring.



White French. When cooked the flavor resembles that of oysters. Pkt. 5c.

Mammoth Sandwich Island. This sort grows to a large size, resembles a good size parsnip and of mild flavor. Pkt. 5c.

SPINACH.

For spring use sow early in drills one foot apart, and for succession every two weeks; as it grows thin out for use, keeping it clean of weeds. For fall use sow in August; for winter use sow in September, in well manured ground, mulch with straw on approach of severe cold weather.

Norfolk Savoy-Leaved. (*Bloomsdale*) The leaves are numerous, succulent, curled and wrinkled like a savoy cabbage. It produces nearly twice the weight of crop as the ordi-



nary sorts, and is also the hardiest of all the varieties of Spinach. Pkt. 5c, oz. 10c, lb. 35c.

Round thick Leaved. Produces large, thick, dark-green leaves, somewhat crumpled, and possessing the valuable quality of standing a long time. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 35c.

Radish.

Cultivated for its roots, which should be always eaten when quite young, as they are apt to be pithy and tough when full grown. It should be borne in mind that radishes must have plenty of room and be grown quickly, or they will invariably be tough and wormy. Sow early in the spring as the ground can be worked, and every two weeks during the season. Winter varieties from the first of August to the last of September. A light, rich sandy soil suits best. One ounce of seed, will sow 100 to 150 feet, when drilled in rows.

Early White Turnip. A round turnip-rooted radish, with small top and of quick growth; both skin and flesh pure white, crisp and tender. Pkt. 5c, oz. 10c, lb. 55c.

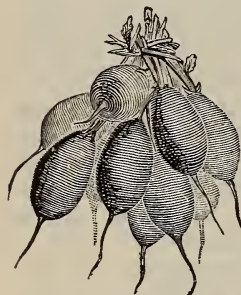
Early Scarlet Turnip. A small, round, red, turnip-shaped radish with a small top, and of very quick growth. A very early variety, deserving general cultivation on account of its rich color, of crisp and tender qualities. Pkt. 5c, oz. 10c.



White Turnip.

Scarlet Globe.

Scarlet Turnip.



OLIVE ROSE.

quaity being much finer. Pkt. 5c, oz. 10c, lb. 75c.

Olive Rose. It is of a half-long or olive-shaped, bright scarlet color, and well adapted for either forcing or early sowing in the garden. Pkt. 5c, oz. 10c, lb. 55c.



White
Strawsburg
RADISH

Early Scarlet Globe. This is without doubt the handsomest and best of all early radishes. The root has a smooth skin, of rich carmine color. The foliage is extremely small and radishes are ready for the table in three weeks from time of sowing. They are of mild flavor, crisp, juicy and tender. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.

New Golden Globe. A fine new variety being fit for use in from 4 to 6 weeks after sowing, and is a great improvement on the old Yellow Turnip Radish, both color and

French Breakfast.

Medium sized Radish, oliveshaped, small top quick growth, very crisp and tender, of a beautiful scarlet color, except near the roots, which is of a pure white.



French Breakfast.

Pkt. 5c, oz. 10c.

Early Long Scarlet. Desirable for early forcing, or first sowing in garden; bright scarlet color, and when grown in rich soil very tender and brittle. Pkt. 5c, oz. 10c, lb. 55c.



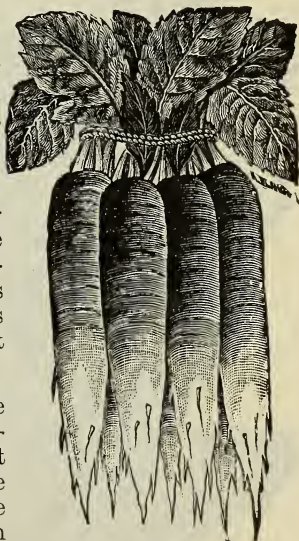
Philips' Dom Pedro. This Radish is comparatively new, and its good merits are not yet fully known to the trade; those who have tested it thoroughly praise it very highly for an all summer Radish. Several years growing of the Dom Pedro has proved it to be superior in size and quality of all long summer radishes known to us. The shape is similar to that of the Chartier, only a few days later, but perfectly distinct in color and quality. Color at the top is a dark purple shading downward to a pure white at the tip. They are of quick growth, solid, very tender, crisp and of mild flavor, also remains good a long time for table use; not becoming hard and stringy as most Radishes do. We have grown Philips' Dom Pedro Radish from 3 to 4 inches in diameter, perfectly solid through and fit for the table. Pkt. 5c., oz. 10c., lb. 80c.

Round Black Spanish. (Winter) A variety very popular with the Germans, globe-shape and of good quality and flavor. If properly stored, can be used the entire winter. A fine variety for slicing and eating with vinegar. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 65c.

Improved Chartier. Decidedly distinct in appearance from any other Radish in cultivation. Its form is well defined by the engraving, the color at top being crimson, running into pink about the middle, and from thence downward it is pure, waxy white. It is very tender, and will attain a large size before it becomes unfit for the table. Pkt. 5c., oz. 10c., lb. 75c.

White Strawsburg. The roots are of handsome, oblong, tapering shape; both skin and flesh are pure white; the flesh is firm, brittle and tender, and possessing the most desirable character of retaining its crispness, even when the roots are old and large. It is excellent for summer use, as it withstands severe heat and grows very quickly. Pkt. 5c., oz. 10c., lb. 70c.

Chinese Rose. (Winter) This variety has become very popular with our market gardeners; it is of half-long shape, pink color, and flesh solid as an apple; it has not that strong flavor which is peculiar to the Black Spanish and keeps equally as well; it should be sown during August. The White China only differs in its color. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 70c.



CHARTIER.

Squash.

The Squash is one of the most nutritious and valuable of all garden vegetables. The summer varieties come for the table early in the season, and are very profitable, while the winter sorts can be had in perfection from August until the summer varieties are in condition for to use. Plant in hills, in the same manner and at the same time as cucumbers and melons; the bush kinds 3 or 4 feet apart, the running kind 6 to 9 feet apart.

Golden Summer Crookneck. This is one of the very best of Summer Squashes, and we can recommend our selected stock to the attention of all market growers. Of bushy dwarf habit and are very productive. Flesh is greenish-yellow, dry and of a most agreeable flavor, so much so that it is the most highly esteemed of all the Summer varieties. Pkt. 5c, oz. 10c, lb. 60c.

Gregory on Squashes.

A treatise which no Farmer or Gardener ought to be without.

Price 30c, or free with \$1 order.



Golden Summer Crookneck.



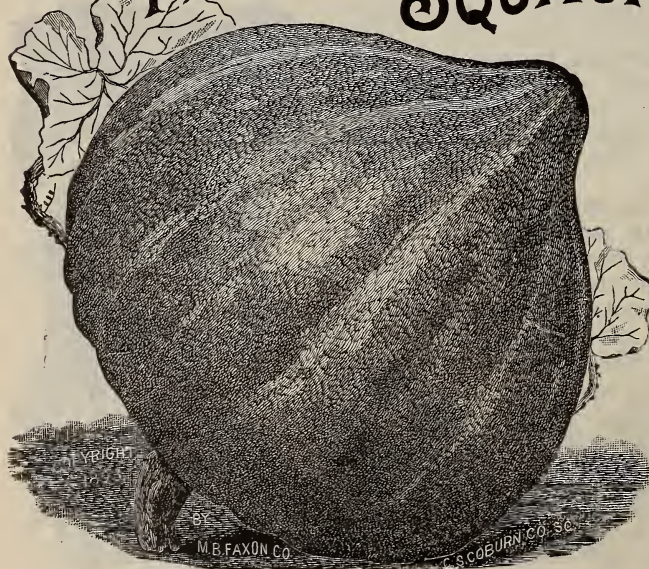
Early Bush or Patty Pan.

The best early variety for market shipping. It grows to a large size, scalloped like a Patty Pan, and bearing an abundant crop; very productive, used when young and tender. Pkt. 5c, oz. 10c, lb. 50c

The Faxon Squash.

A distinctive feature of this squash is that the ripe squashes vary in color, some of them being pale yellow with still paler yellow stripes in hollows, while others are green, mottled, and faintly striped with a lighter green. In this respect it is different from all other varieties. The flesh is a deep orange yellow, cavity very small and seeds few; the special peculiarity, however, is that, while uncooked it appears to have a shell like any other squash, when cooked there is practically none, the shell or inedible part being about thick as a sheet of writing paper. It is the best squash we have ever tasted—sweet and very dry—and squash pies it must be tried to be appreciated. We know a trial will convince all of its great value. It matures early and can be used as a summer squash. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.

THE FAXON SQUASH

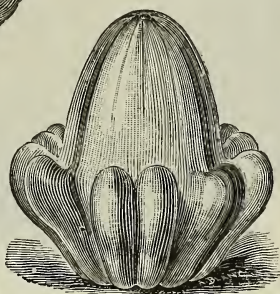




HUBBARD.

Marblehead. A variety of great value. The flesh is of rather lighter color than the Hubbard, while its combination of sweetness, dryness and delicious flavor is remarkable, its keeping qualities are declared to surpass that of the Hubbard. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.

Mammoth Chili. Very large, often attaining the weight of two hundred pounds and upwards, excellent for pies or stock; very productive. We have grown them to weigh 141 pounds. Experienced cultivators have grown them weighing 300 pounds and upwards. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 70c.

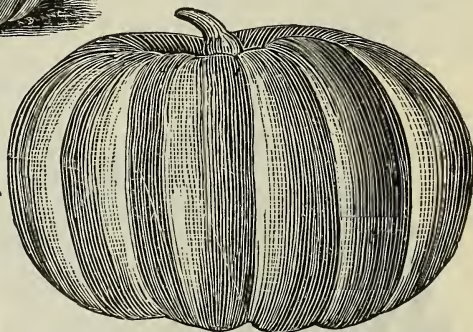


Pine Apple

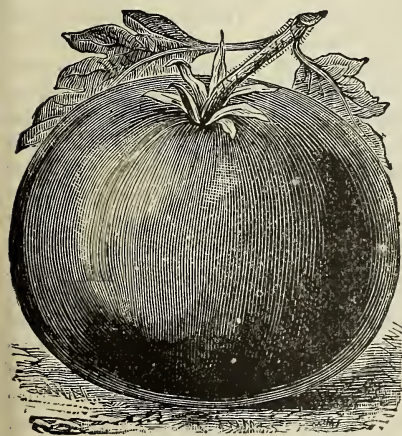
Hubbard Squash. A general favorite and more largely grown as a late sort than any other; it is of large size, often weighing from nine to ten pound. Color bluish green, occasionally marked with brownish orange or yellow. Flesh fine-grained, dry and of excellent flavor. It can be had in use from September to May. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.

White Pine Apple.

The skin and flesh are of a pure creamy white color; flesh very fine grained, resembling a cocoa-nut when made into pies and custards, and is superior to any other Squash or pumpkin for this purpose. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.



MAMMOTH CHILI.



LIVINGSTON'S PERFECTION.

TOMATO.

Tomatoes do best on a light, warm, not over rich soil, and much of the success depends upon securing a rapid, vigorous, unchecked growth during the early part of the season. Sow in hot-bed during March, or from six to eight weeks before they can be set out into open ground; when the plants have four leaves, transplant into shallow boxes, setting them four or five inches apart. Plant in open ground soon as all danger of frost is over, about 4 feet apart each way.

Canada Victor. Without a doubt the earliest in cultivation, and has proven itself to be the earliest medium large tomato in use; color red, smooth, ripening the greater bulk of the crop. The seed we offer is taken from the best specimens. Pkt. 5c, oz. 15c, lb. \$1.70.

Early Smooth Red. One of the oldest varieties, quite early, of medium size, apple-shape and of bright scarlet color. Pkt. 5c, oz. 15c.

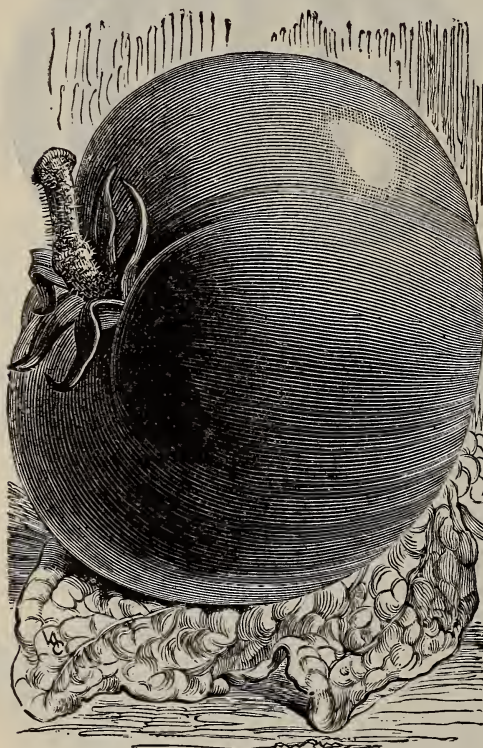
New Stone. This variety has obtained great favor with canners, Southern growers and market gardeners everywhere. Its solidity and carrying qualities are remarkable. Its color is a desirable red; in shape, perfectly smooth, and thicker from the stem to blossom end than most varieties, making it very handsome and saleable. No body finds any fault with this variety, but all speak in the highest terms of its beautiful color, its wonderful yielding qualities, its unequaled firmness, or some other of its good points. Pkt. 5c, oz. 20c, lb. \$1.80.

Livingston's Perfection. A variety similar to the Paragon, but an improvement upon it, being a little earlier and invariably smoother and more handsome. It is probably the handsomest tomato grown, and all who have tried it pronounce it to be of the highest quality. Pkt. 5c, oz. 15c.



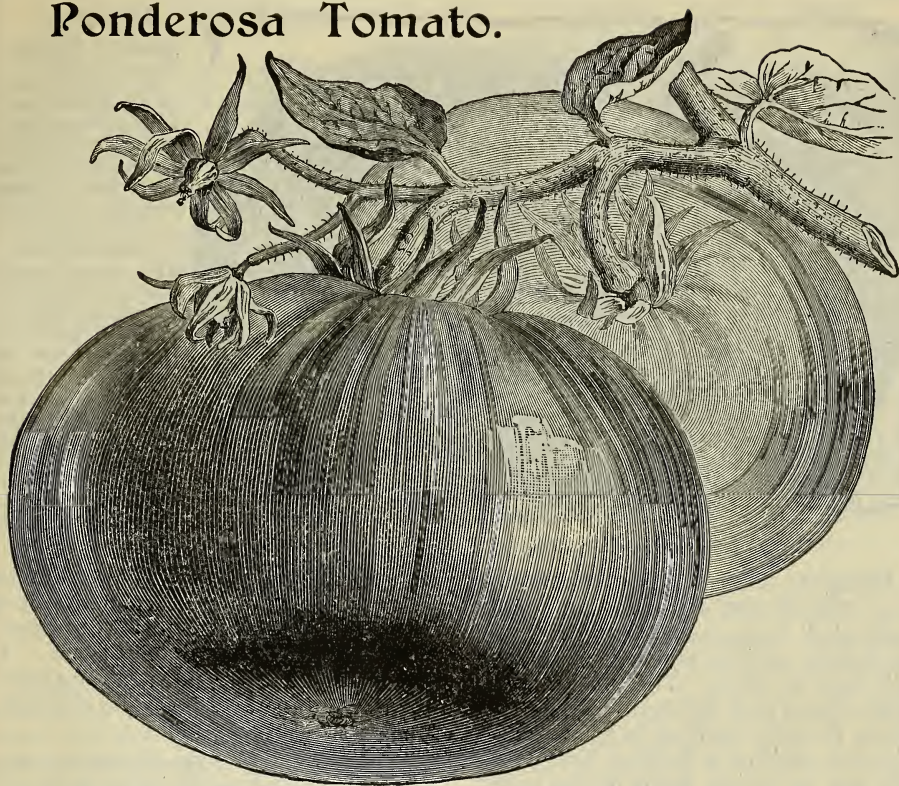
Livingston's Favorite. Smoother than the Paragon, does not crack or rot as most others do, and a darker red than Perfection; ripens evenly and early; very prolific, good flavor, flesh solid and bears shipping well. Pkt. 5c, oz. 15c, lb. \$1.75.

Early Imperial. The introducer says he is more thoroughly than ever convinced that the New Imperial is the earliest, largest, perfectly smooth, most solid, more productive, longest keeping and in every respect the best Tomato known today. He has tested all the leading varieties, therefore he knows what the above means. A testimonial sent the introducer of the "New Imperial." Mr. A. A. Halladay, says the Imperial: "In productiveness it is a wonder, second to none either early or late. Vines continue to grow and produce wonderfully until killed by the frost, and then there was more green fruit than most varieties bear in a whole season." Wherever the market demands a purple Tomato the Imperial is the one for the Market Gardener to plant. It ripens earlier than the Dwarf Champion, and will produce more fruit of better color, and of larger size. Pkt. 5c, oz. 20c, lb. \$1.75.



EARLY IMPERIAL.

Ponderosa Tomato.



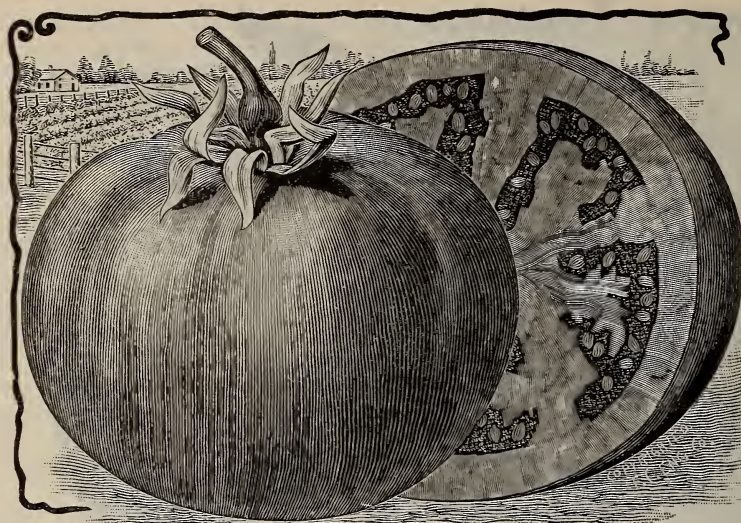
Ponderosa. The Ponderosa possesses every good quality to be found in a Tomato. The vines are strong and vigorous and easily carry their enormous weight of fruit, being uniformly large, smooth, of a dark rich crimson color, and a subacid flavor which is delicious, whether used raw or cooked. To show the enormous size of this great tomato, we would state that twelve specimens weighed $16\frac{1}{2}$ lbs. Pkt. 5c, oz. 20c.

Dwarf Champion. One of the most distinct and valuable tomatoes of recent introduction, dwarf and compact in growth, growing stiff and upright with thick jointed stems, and foliage unlike any other. Color, bright rich scarlet. Perfectly round and smooth, ripening close around the stem and matures fruit early. Pkt. 5c, oz. 15c.

Red Trophy. The best for main crop and undoubtedly is the best variety that has yet been brought into use. It is of a very large size, uniformly smooth and well formed; solid to the center, and very heavy. The seed we offer is of our own growth and the best specimens selected for seed. Pkt. 5c, oz. 20c, lb. \$1.80.

Optimus. This is a smooth tomato, uniform in size and shape, ripens evenly and is a bright red color. The flesh is scarlet crimson, very solid, of good flavor and entirely free from core. Pkt. 5c, oz. 15c, lb. \$1.25.

Essex Hybrid. Solid, rich flavored, large and is very productive. Color is of a bright pink. Ripens all over alike, having no green spots. Pkt. 5c, oz. 15c.



LIVINGSTON'S BEAUTY TOMATO.

Paragon. It is a large sized variety, larger than several of the standard kinds cultivated. An immense cropper. Many gardeners, canners and catsup makers will have no other. The flesh is solid, well colored and flavored. Ripens between the early and late varieties, grows vigorous and has a distinct heavy foliage, and no variety holds its size better late in the season. Color deep red. Pkt. 5c, oz. 15c, lb. \$1.50.

Volunteer. One of the most valuable new varieties. It is of large size, very smooth, and without any hard core or

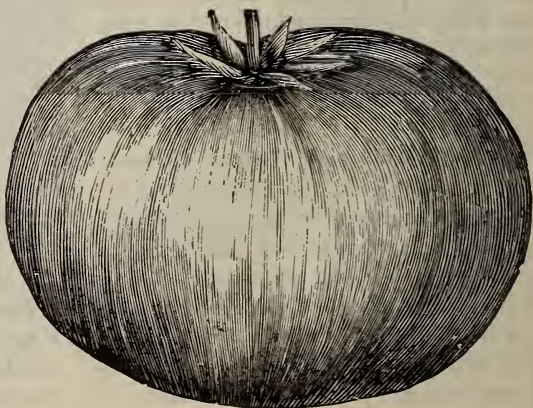
center. The color is the most desirable that can be had in a Tomato, that is a dark rich shade of scarlet crimson. Very early and abundant bearer. A grand sort for either family use, for market or canning it cannot be excelled. Pkt. 5c, oz. 15c, lb. \$1.75.

Golden Trophy. Like the well known Red Trophy in shape, but of a pure golden yellow color. The tomatoes are of large size and solid; very productive and sweeter than any of the red varieties. Pkt. 5c, oz. 15c, lb. \$1.75.

Acme. Pkt. 5c, oz. 15c, lb. \$1.50.

Mikado or Turners Hybrid.

This is one of the largest varieties in cultivation and the most distinct and valuable Tomato ever introduced. Notwithstanding that it produces very large fruit. The Tomatoes are produced in immense clusters, they are perfectly solid, generally smooth, but sometimes irregular. The color is purplish red. Single fruits of this variety frequently weight from 1 to 1½ pounds each. Foliage distinct from that of any other variety. Pkt. 5c, oz. 20c, lb. \$1.80.



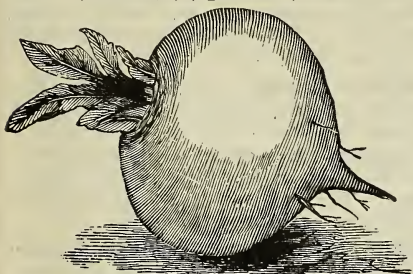
Livingston's Beauty Tomato.

A decided favorite for either home market or shipping purposes, being early, hardy, a strong grower, productive, large size, always smooth, perfect in shape and excellent in quality. The color is a very glossy crimson with a slight tinge of purple. It grows in clusters of four or five large fruits, retaining its large size late in the season. It ripens with Acme and Perfection, and is entirely free from ribbed and elongated fruit. Pkt. 5c, oz. 20c, lb. \$1.80.

TURNIP.

For early use, sow early as the ground opens in the spring, in drills from 12 to 15 inches apart; thin out to 6 to 9 inches in the rows; soon as the first leaves appear, sprinkle with soot, wood-ashes, air-slacked lime, or Slug Shot to destroy the black fly, which will devour the plants if not attended to in time. For a fall and winter crop, sow in July or August.

Purple Top Strap Leaved. This strap-leaved variety is the principal sort for early spring and fall use; top is red or purple above ground, flesh fine grained, of mild flavor, and a good keeper. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.



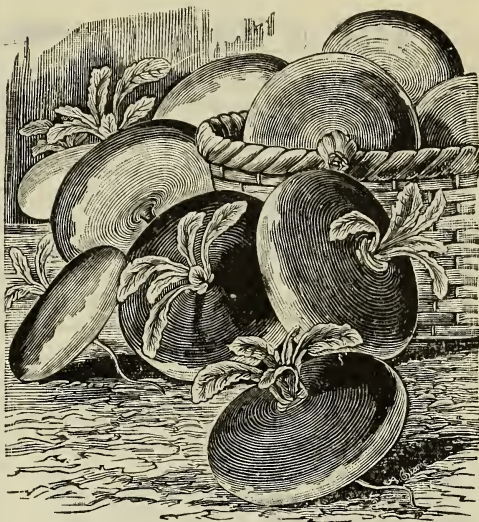
Pomeranean White Globe. This is one of the most productive kind; in good rich soil, the roots will frequently grow to weigh twelve pounds; it is of the most perfect globe shape; skin white and smooth; leaves, dark-green and of a strong wrowth. Pkt. 5c, oz. 10c, lb. 50c.

Large Yellow Globe.

This variety grows to a large size, handsome, globular-shaped color pale yellow with greenish top, leaves rather small and spreading. One of the best for a general crop, either for table use or stock; keeps hard and brittle until late in the spring. Pkt. 5c, lb. 55c.



White Flat Dutch. A very popular market variety. Grows quickly, comes early, clear white skin and flesh juicy,



PURPLE TOP STRAP LEAVED.

mild flavor and of excellent quality. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.

Purple Top White Globe. Large size; globular shape, very handsome and of superior quality; flesh pure white, with red or purple top; grows rapidly. This has become one of the most popular sorts in cultivation, its reliable character making it highly desirable to those who grow turnips in large quantities.

Yellow Scotch, or Aberdeen. Round form, very nutritious and a good keeper. Popular for cattle feeding, and also adopted for table use late in the winter. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.

Purple Top Ruta Bega. The leading Market variety, and principally grown for stock as well as for family use. Hardy, productive, flesh yellow, solid, sweet, fine-grained and of good flavor. Pkt. 5c, oz. 10c, lb. 50c.

Sweet German Ruta Bega. Bulb 4 or 5 inches in diameter and 6 or 7 inches in depth; neck two or three inches long; skin greenish-brown above ground, white beneath; very sweet, mild, well-flavored; retains its solidity and freshness until spring. Pkt. 5c, oz. 10c, lb. 60c.

KALE, or BORECOLE.

This variety of Cabbage tribe known as early greens, or Kale. Sow the seed in spring, and transplant in June; the leaves are fit for use soon as they get a touch of frost. To preserve them during the early winter, treat as Cabbage; the seed can also be sown in September, transplant like Cabbage; and they will continue growing all winter.

Dwarf German Greens. (*Curled Scotch Kale.*) This is more hardy than Cabbage, makes excellent greens for winter and spring use. The leaves are curly, bright green, very tender and delicate in flavor, and will remain any place where the temperature does not fall below zero. It is most tender after being bitten by a sharp frost. Pkt. 5c, oz. 15c.



Herbs.

No garden is complete without a few herbs for culinary or medical purposes, and care should be taken to harvest them properly. This should be done on a dry day, just before they come into full bloom, then dry quickly and pack closely entirely excluded from the air. Sow in spring, in shallow drills, one foot apart and when well up thin out or transplant a proper distance apart.

Basil, Sweet. The leaves and tops of the shoots are the parts gathered and are used for highly seasoned dishes, well as in soups, stews and sauces. Pkt. 5c.

Coriander. Cultivated for garnishing, but more frequently for its seed, which are quite aromatic and useful for flavoring. Pkt. 5c, oz. 10c.

Dill. The whole plant is strongly aromatic, and the leaves are used in pickles and to give flavor to soups and sauces. Pkt. 5c, oz. 10c.

Fennel. A hardy perennial. The leaves are largely used in soups, fish sauces, garnishes and salads. The seed is sometimes used in confectionery. Pkt. 5c, oz. 10c.

Majoram, Sweet. The leaves and ends of the shoots are highly esteemed for seasoning, both in summer and dried for winter use. Pkt. 5c.

Rosmary. An aromatic ornamental herb, of which the leaves are used for seasoning. Pkt. 5c.

Sage. The most extensively used of all herbs for seasoning and dressing. Pkt. 5c.

Summer Savory. A hardy annual, the dried stems, leaves and flowers for which are extensively used for flavoring, particularly in dressings and soups. Pkt. 5c.

Thyme. The leaves and shoots are used for seasoning; a tea is also made of the leaves, which is a popular remedy for nervous headache. Pkt. 5c.

BROOM CORN.

Improved Evergreen. This variety is extensively grown on account of the color and quality of its bush, which is long, fine, straight and always green; grows seven to nine feet high. Lb. 20c, by express 10 pounds 60c.

SUGAR CANE.

Early Amber. The standard variety for the North. The beautiful amber-colored syrup it produces is thought to be superior in flavor to any other; and for sugar is unsurpassed. The seed is highly relished by poultry and all kind of stock. Six pounds are required per acre. Lb. 25c, by express 5 lbs. and over at 15c lb.

KAFFIR CORN.

An excellent fodder plant, yielding two crops of fodder during a season. Grows four or five feet high, upright stalk, with numerous large leaves, greatly relished by cattle and horses. The seed crop is also heavy, yielding 40 to 60 bushels to the acre. It does better sown in drills three feet apart using six to eight pounds of seed per acre. Lb. 25c, by express 5 lbs. 75c.

FLAX SEED.

Sow late enough in the spring to avoid frost, and early enough to secure the early rains. A fair average quantity of seed to be sown on an acre is one-half hushel, when cultivated for seed; if for the fibre a larger quantity should be sown. Peck 50c, bushel \$1.50.

BEARDLESS BARLEY.

Is one of the best six-rowed sorts grown. When sown early in the spring, it is early in ripening, which helps it to fill well. It has a strong, upright straw, and yields from fifty to seventy bushels per acre. The heads of this barley are long, and well filled with plump, heavy kernels of grain. Peck 50c, bushel \$1.50.

Mammoth Russian Sunflower.

One hundred and twenty-five bushels to the acre have been grown at less expense than corn. It is highly recommended for poultry; they eat it greedily, fatten well on it, obtain a bright lustrous plumage and strong healthy condition, and is the best egg producing food known for poultry. oz. 5c, qt. 20c, peck 50c, bu. \$1.75.

GRASS SEEDS Etc.

of the soil, which should be made as fine and light on the surface as possible, thorough rolling and a selection of the seeds of such grasses as will present a luxuriant verdure from early spring till late in autumn; mow frequently during the summer with a lawn mower.

Fairmount Park Lawn Mixture. This is a compound of grasses which ripens successfully, thereby always presenting a green and cheerful appearance. Lawns sown with one or two grasses turn brown under the hot mid-summer sun and remains in that condition until the cool months of autumn revive them. The mixture we offer has stood the test for years and our rapidly increasing sales prove conclusively that its merits are becoming widely known. In order to produce permanent results, first quality goods must be used. In no branch is it more true than in that of seeds. For Lawns, Terraces, etc., Philips' Fairmount Park Lawn Mixture is admirably adapted, as it speedily forms a turf. Pint 10c, quart 20c, bushel 14 lbs. \$2.75.

Evergreen Lawn Lixture. Will insure a beautiful dwarf, green, compact sward, and remain green and fresh during our hot, dry summer months, even when sown on Lawn Tennis, Croquet and Ball Grounds in constant use, and has become widely known, and is used on the finest public and private grounds. Peck 75c, bushel 14 lbs. \$2.50.

Fancy Cleaned Kentucky Blue Grass. Also known as June Grass. It is one of the most valuable sorts for lawn purposes and as a pasture grass it is indispensable. It thrives in dry soil and retains its verdure during the hottest weather. This grade is the best for sowing lawns. Pint 10c, peck 50c, bushel \$1.75.

Red Top Grass. A valuable native permanent grass, as a mixture in meadows, pastures, or lawns, growing in almost any soil, moist or dry, and standing our hot climate. For lawns, 3 bus. to the acre. Lb. 20c, bushel 14 lbs. \$1.25.

Orchard Grass. One of the most desirable pasture grasses for stock and for shady places; not so exhaustive to the soil as Timothy. 3 bus. to the acre. Lb. 20c, bushel 12 lbs. \$2.00.

Meadow Fescue or English Blue Grass. It grows 2 feet high, and is one of the earliest, most nutritious and productive of all the grasses. It thrives well on any good soil, makes a perfect sod, and is valuable for permanent pasture. It remains green throughout the summer, when other grasses are all dried up. Sow one and a half bushel to the acre. (Bush. 18 lbs.) Peck 50c, bushel \$1.50.

Hungarian Millet. One of the most valuable annual soiling forage plants, growing in any ordinary soil; withstands the drought. 1 Bushel to the acre. Peck 35c, bushel 48 lbs. \$1.25.

The essentials for a fine lawn are proper drainage and a careful preparation

German or Golden Millet. No other plant that has yet been introduced for grass or forage has been able to produce anything approaching the enormous yield of this plant when grown under favorable circumstances. Sow from one-half to one bushel to the acre. Choice quality. Peck 60c, bushel \$1.65.

White Dutch Clover. The best variety for lawns, as it forms a close herbage and remains green throughout the season; it affords excellent food for bees. Pkt. 15c, lb. 40c.

Crimson Clover. (*Trifolium Incarnatum*.) A more valuable crop than this annual clover does not exist. As an improver of the soil, or for an early summer forage or hay crop it is unsurpassed. As a green manuring crop for grain or fruit or trucking crops it gives the very best results, while for improving poor land it has no equal. It succeeds on nearly every kind of soil, standing Southern suns and Northern winters. Lb. 10c, peck \$1.00, bushel \$3.50. Prices subject to market changes.

Red Clover Medium. Prices on application.

Cow Peas.

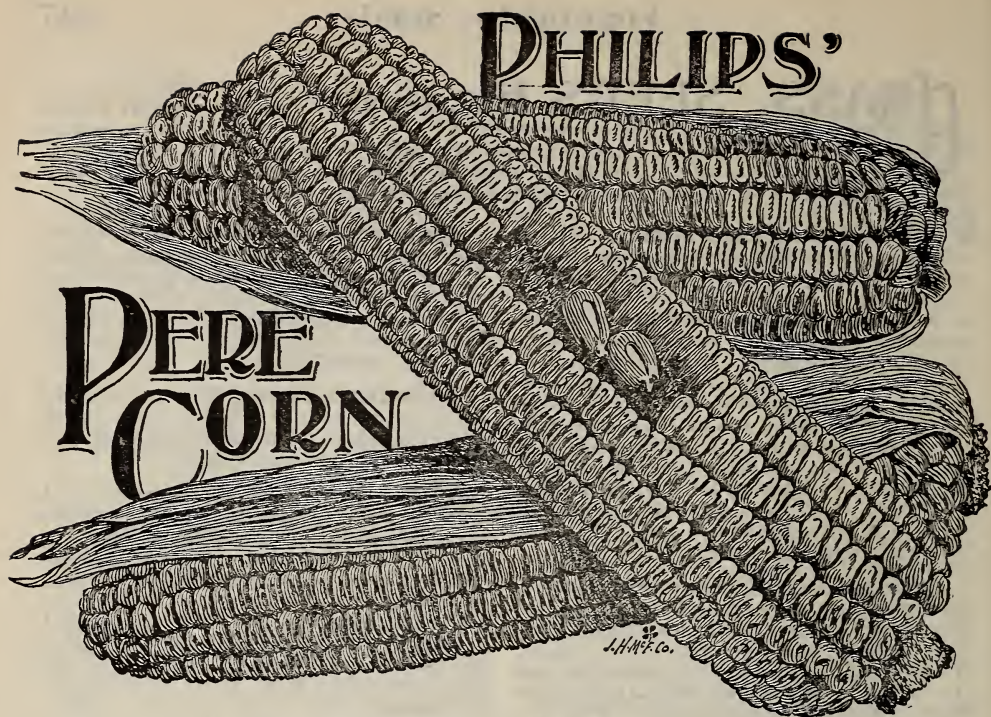
The Great Soil Improver.

Makes Poor Land Rich.

Makes Good Land More Productive.

Green crops plowed under are one of the best and cheapest ways of improving the soil. For this purpose the Cow Pea has no superior, especially for medium or light soil. They should be sown in the month of May at the rate of $1\frac{1}{2}$ bushels to the acre, and plowed under as soon as they have attained their full growth. There is no surer or cheaper means of improving poor soil than by sowing Cow Peas. The best varieties of Cow Peas are the Southern Black Eye and Black Cow Pea, either of which we can furnish at \$1.50 per bushel.

Canada Field Peas. For the Northern States there is no crop of greater value than Field Peas and is more neglected, which can only be attributed to a lack of knowledge as to its merits. Whether for fodder, in mixture with oats, sown at the rate of 2 bushels per acre, or the Peas sown alone at the of 3 bushels per acre for plowing under They are equal to corn for fattening hogs and used as a food for pigeons, etc. Peck 50c, bushel \$1.50.



ENGRAVED FROM A PHOTO.

Yellow Pere. This corn will please you. This corn will speak for itself.

We claim the Yellow Pere a high-bred corn of beautiful golden color and one which will please the eye of all that see this corn. This corn is new and the best of all corns that we have ever grown. In 1897 we planted eight distinct varieties of Field Corn as an experiment to know which would be best, we found the Yellow Pere; was ahead of all in yield and quality, the ears was large and well filled to the ends of the cob. In the spring of 1898 we planted this corn with six other varieties, at the same time and in the same field, and we found the "Pere" to out yield all the other varieties. This corn is of a strong growth but not so tall as some other varieties; however it brings ears of large size and very deep grains, with a medium sized cob which makes enormous yield of shelled Corn. It yielded over one hundred bushels per acre this last season while the earlier varieties did not make more than one half the amount of corn and was hurt by the drouth; the "Pere" stood the drouth remarkable and yielded a good crop of well matured corn. This is not an early corn but a medium late and will mature in any part of Pennsylvania. In 1897 we watched this Corn growing and seeing every stalk having a large ear and many two good sized ears; we decided to send it to the Penn'a. State Fair and on 1st. day of September shipped 12 ears to be exhibited and was awarded 1st premium on Pere Corn as a Yellow Dent Corn by the State Agricultural Society. Our stock is from selected Corn and only have a limited amount for the trade this spring, order early.

Price:- 1 lb. by mail post paid 20c. By Freight or Express. 1 Peck 50c.
 $\frac{1}{2}$ Bu. 85c. 1 Bu. \$1.50

Special Price List of

Beans, Peas and Sweet Corn in Bulk,

FOR MARKET GARDENERS.

Below we quote special low prices on Beans, Peas and Sweet Corn, by 2 quarts, $\frac{1}{2}$ peck, peck and $\frac{1}{2}$ bushel; for less quantity and descriptions see general list, and for larger quantities write for prices. At below prices we allow no discounts or premiums; we make no charges for bags or boxes, and deliver to express or freight office, the purchaser paying transportation charges.

BEANS--DWARF.

	2 Qts.	4 Qts.	Peck.	1-2 Bu.
Stringless Green Pod.....	50c	\$1 00	\$2 00	\$4 00
Best of All.....	40	75	1 40	2 75
Extra Early Red Speckled Valentine	50	1 00	2 00	4 00
Early Long Yellow Six Weeks.....	40	75	1 40	2 75
Early Red Eyed China.....	40	75	1 40	2 75
Early Mohawk.....	40	70	1 30	2 50
Burpees' Bush Lima.....	50	1 00	2 00	4 00
Henderson's Bush Lima.....	42	75	1 40	2 75
Early White Wax.....	40	75	1 40	2 75
Early Improved Golden Wax.....	40	75	1 35	2 60
German Black Wax.....	40	75	1 35	2 60
Curries Rust Proof Wax.....	40	75	1 40	2 75
New Golden Eyed Wax.....	40	70	1 30	2 50
Davis Kidney White Wax.....	40	75	1 40	2 75
Dwarf Horticultural.....	40	75	1 40	2 75

BEANS--POLE.

Golden Cluster Wax.....	50	1 00	1 90	3 75
Golden Andalusia.....	50	1 00	1 90	3 75
American Sickle.....	50	1 00	2 00	4 00
Kentucky Wonder.....	50	1 00	2 00	4 00
Horticultural Pole.....	40	75	1 40	2 75
Dutch Case Knife.....	40	75	1 40	2 75
Giant Wax, Red Seeded.....	40	75	1 40	2 75
Large White Lima.....	50	1 00	1 90	3 75

PEAS.

Alaska or Earliest of All.....	36c	62c	\$1 05	\$1 90
Phillips' First and Best.....	35	60	1 00	1 80
Early Tom Thumb.....	35	65	1 25	2 40
Buist's Early Morningstar.....	35	60	1 00	1 80
Extra Early.....	35	60	1 00	1 80
Nott's Excelsion.....	40	75	1 40	2 60
Early Premium Gem.....	35	60	1 00	1 85
Bliss' American Wonder.....	40	75	1 40	2 75
McLeans Little Gem.....	35	60	1 00	1 85
Bliss' Everbearing.....	35	60	1 00	1 85
Telephone.....	40	75	1 40	2 70
Paragon.....	36	78	1 45	2 75
Champion of England.....	34	58	90	1 60
Dwarf Sugar, (Gray Seeded).....	38	65	1 10	2 00
Large White Marrowfat.....	30	50	80	1 40
Melting Sugar.....	40	75	1 40	2 75

CORN--SWEET OR SUGAR.

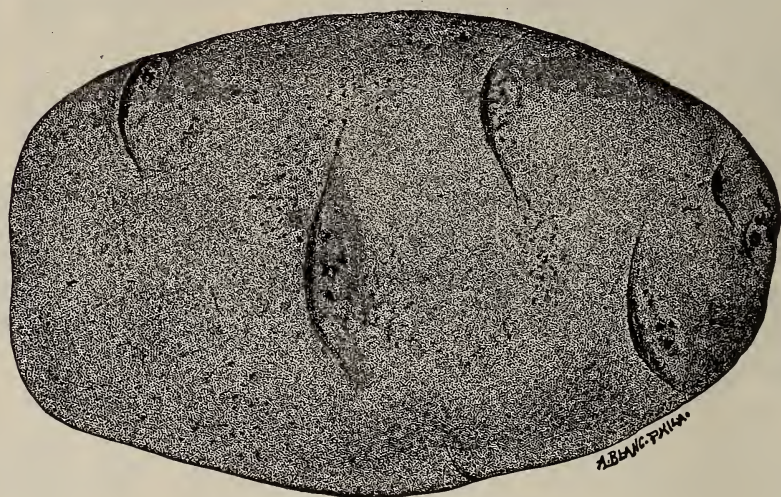
Extra Early Cory.....	25	45	80	1 40
Early Minnesota.....	25	45	80	1 40
Extra Early Champion.....	25	45	80	1 40
Stowell's Evergreen.....	20	35	60	1 10
Country Gentlemen.....	25	45	80	1 40
Large Late Mammoth.....	20	35	60	1 10

Northern Grown Seed Potatoes.

It will pay progressive farmers to plant the best Seed Potatoes that can be had, even at a high price, you will not only get new varieties but it will more than repay you the difference, as the yield will be large. Potatoes good size and of finest quality, that should not only bring the highest price on market, but in many instances your neighbor will want pure seed for planting and will pay prices in advance of regular market.

Our Seed Potatoes this season are true Northern, carefully and especially Grown for Seed.

We deliver all Potatoes into the hands of transportation company safely packed, no charges for packing or cartage; after that our responsibility ceases. We will not ship when danger of freezing, unless instructed to do so by purchaser who assumes all risks. Potatoes will be shipped by express or freight as directed, purchaser paying transportation charges. When shipping instructions is not with order we reserve the right to use our judgement as to best and cheapest way to ship.



Early Six Weeks.

This is a new Potato of the Rose family much like the Early Ohio in shape and a good yielder, large in size and one of the earliest varieties. The Potato has been very much improved by planting nothing but perfect tubers selected with great care, and is now offered as a true and distinct variety. As it is now improved in earliness, size, yield and perfect form, we consider it one of the best extra early market varieties grown. The Potatoes begin to form when the vines are only 4 to 5 inches high. The top and tubers grow rapidly, and at 6 weeks from planting are a fine marketable size, and reach maturity in 72 days. As a table Potato they are not excelled; even for late spring they keep sound and solid. They grow so rapidly and mature so early that potato-bugs have no chance at them, if planted early the crop being made before the young bugs become numerous; while for yield they are wonderful, considering their extreme earliness. In 1897 the yield was at the rate of 420 bushels per acre. Peck 35c, bu. \$1.25.

Improved Early Rose.

The Early Rose is known to be the leading variety for earliness, quality and productiveness, and in spite of new varieties introduced and claimed to exceed the "Early Rose" it stands at the head as it is better known than any of the other early varieties. In the Improved Early Rose in addition to the above it is claimed to be a better cropper, smoother and more regular in size. Our stock is very fine, large tubers with but few small ones. Grown in north from extra selected stock and grown specially for seed. Price per peck 35c, bushel \$1.25.

Potatoes, Early Ohio.

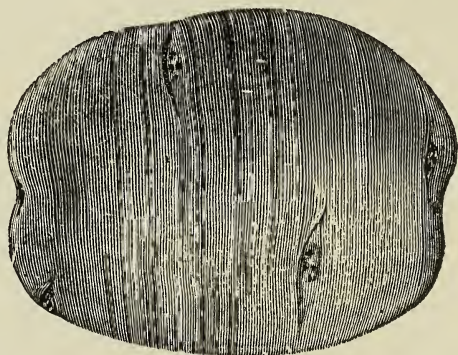
It is two weeks ahead of the Early Rose, and is a special favorite with farmers and marketmen, and the most profitable potato they can possibly grow. The sprouts are very strong, the vines grow erect, and are easy to cultivate; maturing early, brings the highest prices, and the land can be used for other crops; does well on any soil suitable for potatoes. The tubers grow compact in the hill, are easily dug, very few small ones—nearly every one marketable size; few eyes which are even with the surface. They keep firm until late in the spring.

Price per peck 35c, bushel \$1.25.

Sir Walter Raleigh.

This wonderful new late Potato is destined to supersede all of Mr. Carman's introductions. The only seedling of the well known Rural New Yorker No. 2, that is better than its parent, while Carman No. 3 has been considered Mr. Carman's best, Sir Walter Raleigh the past season has out yielded it. A Potato grower in Michigan says, Sir Walter Raleigh the past season on my trial grounds made the most remarkable showing of any Potato I have ever tested in recent years. It resembles Rural New Yorker.

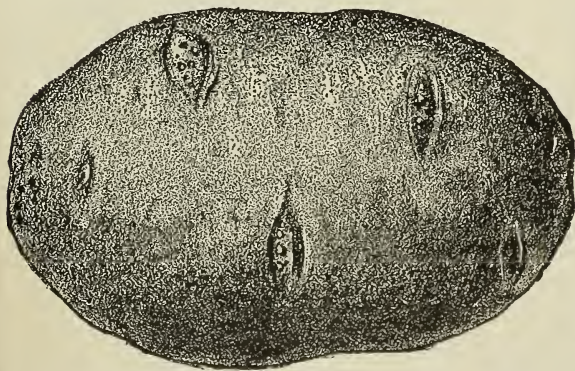
The Sir Walter Raleigh Potato is of an oblong, flattish, very smooth, shallow eyes, white skin and flesh. It is from four to six days later than the Rural New Yorker. Price per peck 35c, bushel \$1.25.



Carman No. 3.

The Carman No. 3, with the exception that the tubers are a little more elongated, is in its origin and appearance like the Carman No. 1, a seedling from seedlings raised through generations. The eyes are but few in number. It is of the shapeliest form, and even in droughty seasons its perfect shape is retained. It is a great yielder of large potatoes. It may fairly be claimed that it does not yield any small tubers at all in ordinary seasons. It bears its tubers very close to the plant, a single turn of the fork turning out every potato. It is of the largest size. It is a perfect keeper. Both skin and flesh are of extreme whiteness.

Price per peck 35c, bushel \$1.25.



Rural New Yorker No. 2.

Very distinct and handsome in appearance; the tubers are of large size, with remarkable smoothness of skin; form oblong, inclined to round and rather flattened, the eyes are few, distinct and shallow. It is of extreme whiteness, both of skin and flesh, and excellent table qualities. It has great vigor in growth and solidity of tuber, which enable it

to resist disease to a remarkable degree. Price per peck 35c, bushel \$1.25.

The Lawn and Lawn Mowers.

THE most beautiful thing that can be placed about a home is a well-kept lawn. Not only is it one of the most beautiful, but also useful features of the landscape, grass is the carpet of the earth, and like the carpet of the house it should be used. In the first place to start a Lawn the ground must be well prepared of good mellow soil that will not get hard after a rain, if soil is inclined to be clayey it is better to cover it 2 to 4 inches deep with good rich soil.

In sowing the Seed it must be well raked and covered in the ground, if left on top of the ground it will not grow.

Our Lawn Mixture embraces the finest varieties and best quality of natural grasses, such as are of neat growth, hardy and best adapted to produce a permanent turf. Grass Seed should be sown early to get well started before hot summer months come. Late sowing in spring is seldom successful, it is better to wait until September than to sow in mid-summer.

The quantity of Seed, most writers say one quart Seed to the square rod, while we recommend double that amount of Seed to be sown; it makes a fine Lawn much sooner, after well started next is to keep it, which is very easy to do by little well directed care and the use of a good Lawn Mower, which nothing adds more to the attractiveness of a rural home than a well-kept, velvety lawn.

For Prices of Grass Seed see page 47.

To keep the Lawn in nice condition you must have a Lawn Mower, in that line we can supply you with the best Lawn Mowers made. This Lawn Mower has wheels $8\frac{1}{2}$ inches high, this is one of the most important improvements over the old style low wheels; high wheels makes it light running and will not choke like a low wheel Mower, it will cut higher grass than most mowers. It is constructed with very but few parts therefore not parts to get out of place. This is a strictly high grade Mower; we bought a large lot before the advance in price of iron. We have cut off $\frac{3}{4}$ of agents profit and give our customers the benefit of the extremely low price boxed and delivered f. o. b. Mercersburg, Pa.

Prices of High Grade Lawn Mowers.

Size 14 inch cut,	=	=	\$2.60.
" 16 " "	=	=	2.75.
" 18 " "	=	=	3.00.

Special Discount in 1-2 dozen lots to Dealers.

Order early, when this present lot is gone there will be no more at above prices.

Lawn Mowers will be shipped by freight unless otherwise instructed. Purchaser paying transportation charges.

Address all orders to

J. M. Philips' Sons,



We will sell thes Lawn Mowers on a guarantee. Any person buying one of these Mowers can examine and try the Mower and if not what we recommend them to be you can return the Mower to us and we will refund your money.



OUR Flower Seed List has been carefully revised, some new kinds added and all inferior kinds cast out, there is nothing in the list but what is worthy of cultivation, and if

well cared for, will give satisfaction.

Quality is always the first consideration.

Our mixtures are mainly made up by ourselves from named varieties and from growing a large number of best named varieties together, and will yield a better assortment than is commonly found.

The following abbreviations occur in the Flower Seed list

- A. for Annuals that grow, bloom and die the same year from seed.
 B. for Biennials that bloom the second year from seed and then die.
 P. for Perennials usually blooms 2nd season from seed, continues to grow and bloom for years.
 H. Indicates they are Hardy. H. H. Half Hardy. T. Indicates they are Tender.

All Flower Seeds sent free by mail on receipt of price. Full cultural directions will be found on each packet.

Premiums. IN ORDERING FLOWER SEEDS in packets, purchasers sending \$1.00 may select packets to the value of \$1.30. Those sending \$2.00, to the value of \$2.75. Those sending \$3.00 to value of \$4.20

AGERATUM.

The Ageratum being ornamental and valuable



on account of the length of time it remains in bloom, and fine colors. Blooms constantly during the summer in garden and if removed to greenhouse, it will bloom all winter. Sow seed in house, hot bed or greenhouse, from February 1st, to May 1st, transplant out into open ground in May, or sow in open ground in summer for

flowering the next season. HHA. Mixed colors. 5c

ANTIRRHINUM.

The Antirrhinum, better known as Snapdragon, is one of the most showy border plants, blooms very early in spring till late in autumn and is of easy culture. Sow in house in March or April, transplant out into open ground in summer for flowering the next season. P. Mixed colors. 5c

ACROCLINIUM.

Elegant summer flowering annuals, plants about one foot high, bearing quantities of large double flowers, from 1 to 2 inches across. Splendid everlasting for winter bouquets. Mixed colors. 5c



ALYSSUM SWEET.



One of the sweetest and most useful of summer flowers. It may be used for edgings, rock work, hanging baskets, etc. Continues blooming the entire season; free flowering and easily cultivated. Flowers snow white. H A. 5c

ASTERS.

A very desirable and popular flower, of most perfect and beautiful form; very profuse bloomers, they include a great variety of rich colors. Very valuable for an autumnal display. Sow the seed early in spring, under glass or in the house; transplant into rich soil 8 to 12 inches apart each way. H H A



German Quilled. These are great favorites on account of their free-blooming qualities, and the low price of the seed recommends them to many who want a nice Aster for cut flowers. 16 Colors, height 18 inches. 5c

Dwarf Chrysanthemum. This one surpasses all other dwarf varieties in size of flowers. They are full of large double flowers, produced in clusters of 10 to 20 on a plant; 21 colors, height 9 inches. 10c

Boltze's Dwarf Bouquet. Pretty little plants of handsome form, completely covered with flowers; each plant forming a neat bouquet of 20 to 50 flowers; 12 colors, height 8 inches. 10c

Large-flowered Rose. Very delicate and handsome combination of colors not existing in any other class of Asters; flowers large, very double and shaped like a rose. 14 Colors, height 18 inches. 10



CANTERBURY BELL.

Well-known, beautiful, hardy plants, bearing a great profusion of attractive bloom, thriving best in light, rich soil. Charming bell-shaped flowers of many exquisite shades and some of the varieties flower the first season if they are planted early. H B 5c.

CLIMBERS.

This is a mixture of seed composed of several of finest climbing annuals; for lattice work, etc. 5c

COBCEA

SCANDEN.

Fancy Climbers.

A fine summer climbing plant of quick growth and bearing large bell-shaped purple flowers. Grows very fast and will run from 8 to 30 ft. In sowing, place seed edgewise and coverslightly. 10c.



COBCEA SCANDEN.

BALSAM.

Improved strains of well formed favorites, forming dwarf bushy plants profusely covered with large double flowers of brilliant colors throughout the summer and autumn. Balsams are also called "Lady's Slipper" and "Touch-me-not." T A

Camelia-Flowered. Very double, resembling the camelia in form, perfect in shape, and our mixture contains all the best colors. You will be greatly pleased with it. Mixed colors. 10c

Choice Colors Mixed. Very double, of perfect form; beautiful colors. 10c



CAMELIA-FLOWERED BALSAMS.

CARNATION PINK.



The Carnation seed we offer is from the finest collection in Europe, and will produce many double fragrant flowers of almost all colors, and amongst them many choice novelties.

Carnation Pink. No flower can surpass in delicacy of marking, form, or delicious fragrance, as the richly hued Carnation. It has always been one of the most esteemed of the florist's collection many being very fragrant and of all shades and colors. Sow seed under glass in green-house or hot-bed, when of sufficient size, transplant one foot apart each way; height $1\frac{1}{2}$ feet. H H P

Fine choice mixed, extra double. 15c, 25c

Marguerite. A beautiful free-flowering race of Carnations that with ordinary care will bloom the first season. The flowers range through many shades of red and pink, of fine form and large size. Seed sown in Spring commence flowering in early Summer and continue to bloom in profusion until checked by frost. Finest double mixed. 10c

CINERARIA.

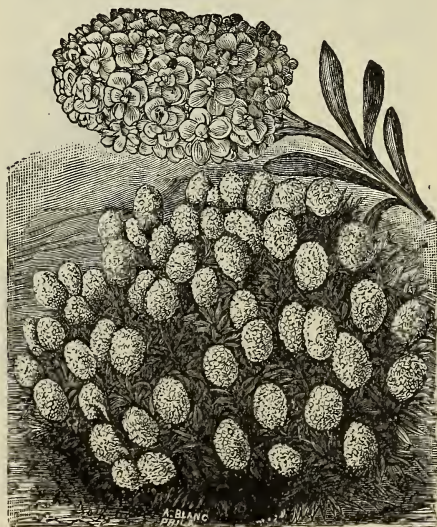
Magnificent and indispensable flowering plants for Spring decorations for the conservatory or window garden. The flowers measure 2 to 3 in., across, and of different shades, covering the plant with a sheet of bloom. Pkt. 25c, $\frac{1}{2}$ Pkt. 15c

CHRYSANTHEMUM.

The growing demand for the annual varieties has brought the Chrysanthemum into general favor. The colors have the appearance of having been laid in with a brush, for this reason they are sometimes called "painted daisies." H A. Double mixed colors. 5c

CANDYTUFT.

It blooms long and freely, bearing its flowers in neat clusters, the prevailing colors purple, white etc; our mixture embraces the finest sorts, some of which are very fragrant; mixed colors. 5c



DIANTHUS PINK.

The family of Dianthus are the most useful of all biennials, for beauty and variety, our collection cannot be surpassed for their beauty. The double varieties with their rich colored flowers are profuse bloomers all summer.



COSMOS.

An Autumn flowering plant of rapid growth, making large bushes five feet high, which are a mass of elegant foliage until they begin to bloom. From September to November each plant is covered with hundreds of showy blossoms two inches in diameter. Mixed colors. 5c



DOUBLE DAISY.

Culture of Pinks. Sow early, in boxes, in the house or hot-bed, or in open ground in May; transplant eight inches apart each way. By removing the faded flowers, the bloom is much improved in quality and duration. Flowers all through the summer and fall months.

Laciniatus. Large double, showy flowers, with fringed edges, various colors mixed and beautiful striped. 10c

Heddeggii. Flowers very large and double nearly 3 inches in diameter, of various shades and most brilliant colors mixed. 10c

Chinese. A biennial of dwarf habit; flowers the first year, but the bloom is stronger the second. The colors are rich, and in large beds you hardly find two alike. Double. 10c

Choice Mixture. This embraces seed saved from extra double flowers of above kinds; colors varying from the richest velvety crimson to the most delicate rose. 10c

Single Mixed. Large single, fringed flowers. 10c

DOUBLE DAISY.

The old favorite "Double Daisy" it is much improved, with large double variegated flowers; for edgings and dwarf beds; in the spring this is a charming plant. H P; mixed colors. 10c

FOX GLOVE.

Ornamental plants of much beauty. The blossoms are thimble shaped, handsome and very striking; well suited for shrubberies; flowers of varied colors. Seed can be sown in spring or autumn and large roots can be divided. Blooms the second season. H B; 3 feet high. Mixed colors. 5c



FORGET-ME-NOT.

Charming little plants, very popular, producing their star-like flowers in great profusion; the Forget-me-not is one of the most admired flowers grown, in its delicacy and beauty. Seed sown in autumn will succeed best and flower early in spring. H P. *Myosotis Alpestris*. 10c

HELICHRYSUM.



Large, full double flowers of various colors, from bright yellow to scarlet, shaded and tipped. Desirable as dried specimens, and exceedingly handsome bouquets may be formed of them for winter if blossoms be gathered when on the point of expanding. Sow early in Spring and thin out the plants to one foot apart each way. H A Fine double mixed. 5c

COLUMBINE, or Aqueligia.

Very handsome, ornamental perennial plants; of easy culture, and bearing large flowers of novel shape and great variety of colors. 5c

CYPRESS VINE.

A very graceful climber with delicate fern-like foliage; produces masses of beautiful star-shaped flowers. Sow seed in March and transplant into open ground in May. H H A Mixed colors. 5c

GOURDS, Ornamental.

Curiously shaped fruit in various colors. Being of rapid growth; they are fine to cover old fences, trellises, stumps, etc. Do not plant seed until all danger of frost is over and select rich mellow ground. T A Climbers 10 to 12 ft. 5c

MIMULUS, Musk Plant.

Flowers are large and brilliant colored. 5c



HELITROPE.

HELITROPE. Valued

highly for the fragrance of their flowers and duration of bloom. They succeed in any light, rich soil and cuttings of the shrubby kind, taken off while young grow readily. Half hardy perennial. Finest mixed. 10c

ICE-PLANT.

Handsome plants for hanging baskets, rock-work, vases and edgings. The leaves and stems appear as though covered with ice crystals, which glisten in the sun. Tender annual trailer; $\frac{1}{2}$ foot. 5c

HIBISCUS.

Large growing plants, bearing showy flowers two to four inches across; perennial mixed. 10c

MORNING GLORY.

New Japanese. Climbers of rapid growth. Some are striped, blotched and spotted; others have magnificent edges and throats. 10c

Common Morning Glories Mixed. 5c

MIGNONETTE.



The well known Mignonnets producing dense, semi-globular heads of exceedingly fragrant flowers. It blooms nearly the whole season and the perfume is so great that the whole atmosphere around is perfumed; also fine for pot culture during the winter and spring months. 5c

NASTURTIUMS.

Tom Thumb. One of our showiest and most popular annuals, forming compact plants, not over 1 foot high, making gorgeous masses of color from early summer until killed by frost. 5c

Climbing Varieties. Beautiful profuse flowering climbers of easiest culture, bearing their large flowers in profusion until killed by frost; height 6 to 10 feet. Mixed colors. 5c

NIGELLIA. Foliage feathery, in which large, double charming flowers are set. 5c



ICE-PLANT.

PANSIES.

These little beauties need no extended description, as it would be hard to find even a child in the land whose heart has not been gladdened by their bright faces of all shades. Pansies like a moist, rather shady location and rich soil. Should be watered freely in dry weather. We use the greatest care in selecting the best strains of these universal favorites. Young plants give largest flowers.



Pansy seed may be sown in hot-bed or open ground. If sown in the Spring, get in early so as to secure flowers during the early rains and before the hot weather. Seed sown in October will bloom the following Spring.

Grand Superb Mixture. This class has been selected with a view to large sized flowers of thick, velvety texture and most distinct colors. This special mixture is prepared by ourselves from the finest named sorts. Pkt. 25c

Giant Trimardeau. These are remarkably large Pansies, which, for size of flower and robust growth, eclipse all other strains. The blooms, which are of the richest and most varied shades of color, are thrown well above the foliage. Pkt. 25c

All Colors Mixed. Finest German Pansies. Pkt. 10c

NOTICE :-Half 5, 10 and 25c pkts. at 3, 5 and 15c.

PETUNIAS.

Surely there is no garden complete without a bed of elegant Petunias. They commence flowering early, and continue a mass of bloom throughout the whole season until killed by frost; easily cultivated, requiring rich soil and a sunny situation. Of late years the single striped and mottled have been greatly improved. Be careful not to cover the small seeds too deeply. H A.

Blotched and Striped. Flowers with star-shaped blotches, of very fine form.

Fine Mixed. Older and newer sorts mixed. Pkt. 10c



CHINESE PRIMROSE.

The Chinese Primrose is one of the finest plants for Winter and Spring blooming in the house; very profuse flowering, being in constant bloom all Winter. Our seed is saved from the very finest strains of all colors. Sow seed in rich soil, dusting a little fine earth over them; if covered too deeply, or the seed be wet and allowed to dry they will not germinate. T P.

Large-flowering, mixed. Pkt. 25c, $\frac{1}{2}$ Pkt. 15c

PHLOX, Large-flowering.

This large flowering strain is of immense size and for beauty of colors they are unsurpassed. They produce a great profusion of large trusses of flowers, and if cut freely will continue a mass of bloom until cold weather. Seed may be planted in open ground in May, or sown in hot-bed earlier and transplant. Finest colors mixed. 10c

Star-Shaped Phlox. Of dwarf habit, bearing pretty star-shaped flowers, varying from violet blue to deep rose margined with white; the edges are slightly fringed. 10c



CHINESE PRIMROSE.

POPPIES--ANNUAL.

This exceedingly showy and easily cultivated class of plants grows and blooms well in any ordinary soil, and stands without an equal, the showiest of all annuals. Very attractive in large beds and mixed borders. Sow the seed where the plants are intended to be grown, as they do not bear transplanting well.

Double Carnation Mixed. For dazzling richness and variety of colors, the flowers are unequalled. Simply scatter the seed in the open ground and a mass of beauty will be the result; flowers of various colors. 5c

RICINUS, Zanzibarensis.

Entirely distinct from the ordinary Ricinus, with enormous leaves two feet and over across beautifully lobed. With good soil and plenty of moisture plants have been grown twelve feet high in a season. Mixture. Pkt. 10c, $\frac{1}{2}$ Pkt. 5c



PHLOX, Large-flowering.

PORTULACCA.

There is scarcely any flower in cultivation that makes such a dazzling display of beauty as a bed of many-hued Portulaccas. They thrive best in a rather rich, light loam or sandy soil and in an exposed sunny situation; the flowers of doublesort remain open all day.

Single Mixed, all colors. 5c
Double Mixed, all colors. 10c

SALPIGLOSSIS.

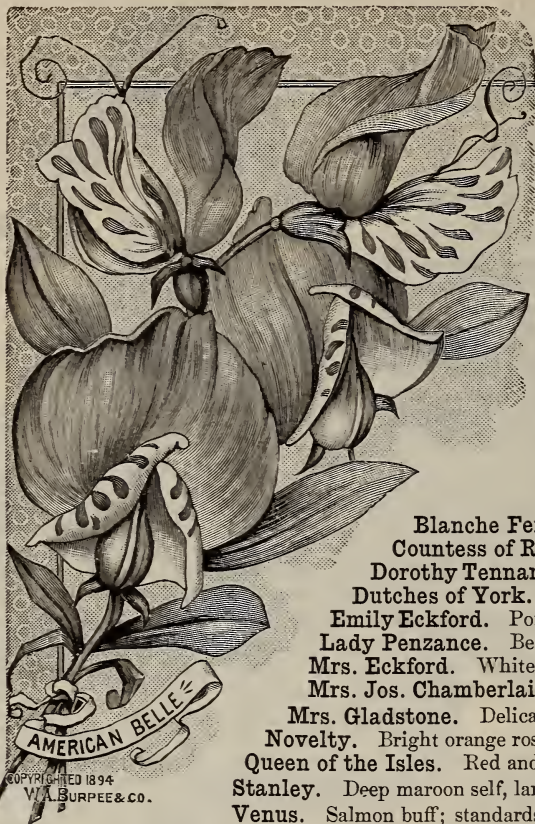
Flowers singularly marked and penciled. 5c



POPPY CARNATION.

SWEET PEAS.

There is no flower grown that is more popular, or more admired by all than the Sweet Pea, with its dainty colors and delicate perfume. Cutting, for bouquets, vases, corsage and button-hole wear, no flower except the rose can compare with them. The Seed should be sown as soon as the ground can be worked in the Spring; prepare the ground by thoroughly working in a large quantity of well-rotted manure. Make a trench six inches deep; in this sow the seed and cover two inches deep. As soon as the plants begin to show through, fill in the trench, and when well up give brush or strings to support them. They commence to bloom early, and if flowers are picked soon as they fade, will continue to bloom all Summer. One ounce will sow a row 20 feet long, packet will sow 5 foot row.



- Blanche Ferry.** Large pink and white flowers. 5c
Countess of Radnor. Pale standards, wings lilac. 5c
Dorothy Tennant. Standards rosy mauve wings bluish. 5c
Dutches of York. Whitesuffused with pink and purple. 5c
Emily Eckford. Porcelain blue, suffused with red mauve. 5c
Lady Penzance. Beautiful pale, but very bright rose. 5c
Mrs. Eckford. White, delicately shaded with primrose. 5c
Mrs. Jos. Chamberlain. White, striped with rose. 5c
Mrs. Gladstone. Delicate soft pink with rosy blush wings. 5c
Novelty. Bright orange rose. 5c
Queen of the Isles. Red and white striped. 5c
Stanley. Deep maroon self, large and of the finest form. 5c
Venus. Salmon buff; standards delicately shaded with rosy pink. 5c

Pink Cupid. (Dwarf.) In habit and manner of growth it is strictly a Cupid, 6 to 8 in. high, and throws up stems about 6 in. long, which bear 3 to 4 handsome blossoms. Oz. 15c, Pkt. 5c

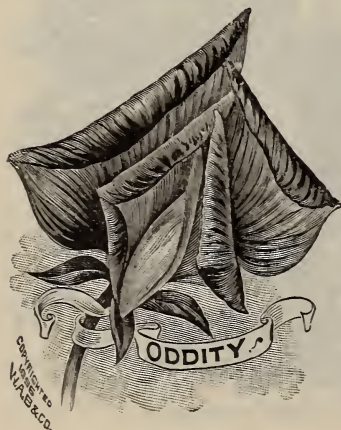
White Cupid. (Dwarf.) It has about the same habit of growth as Pink Cupid. Flower pure white, as large and fine from as the best of taller varieties and very fragrant. Oz. 15, Pkt. 5c

Eckford's New Mixed.

Possesses the same delicious perfume as the ordinary varieties, but the flowers are double the size, and more perfect in form; finest colors mixed. Pkt. 5c

Choice Colors Mixed.

We are sure our customers will be pleased with our mixture. Graceful form, charming colors exquisite fragrance, and simple loveliness. This mixture is made up from 35 of the finest named varieties and Eckford's mixture. Choice new and old varieties mixed. Oz. 10c, Pkt. 5c



SWEET WILLIAM.



Sweet William, fine mixed colors. 5c

SMILAX.

A beautiful and graceful tender perennial climber, foliage glossy deep green and waxy; fine for vases and baskets. Soak the seed twenty-four hours before sowing; height 6 to 10 ft. 10c

STOCKS.



German Large Flowering, mixed colors. 10c

VERBENA.



in hot-bed. T P. Verbena, fine mixed. 10c

A bed of finer varieties sports into an endless variety of colors, which make a bed of beauty. The plants will bloom several years. No flower garden is complete without a bed of fine Sweet William. Hardy perennial one and a half feet high.

For brilliancy, variety of color, profusion and duration of the bloom they are unsurpassed. The Ten Week Stocks are the variety mostly cultivated; they generally bloom in twelve weeks after sowing the seed, they have flowers of much beauty and fragrance. H A.

There is no plant more cultivated or more sought after than Verbena and no plant excels it for massing in beds or lawns. In the varieties may be found every color except yellow. They flower perfectly well from seed sown

VIOLET.

The Violet should not be wanting in any garden, on account of its fragrance and early appearance.



A single flower will perfume the whole room. They will thrive best in summer in a shady situation in rich, deep soil. H P. 10c

ZINNIA.

The Zinnia is one of our most showy plants, easy of cultivation; so handsome that it will always be popular. The double sorts usually grow about 2 feet high, producing flowers of many colors, almost as double as a Dahlia.

Zinnia double largest flowering and striped varieties.

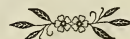
Fine colors mixed. 10c



WILD FLOWER GARDEN.

Special Mixture of Choice Flower Seeds.

Much pleasure is derived from watching the growth of a mixed bed of flowers. The mixtures are made from choice fresh seed and can not fail to give satisfaction. The packets are liberal in size, and in no other way can so many seeds be obtained for so little money. 10c



Special Offer

IN FLOWER SEEDS.

Alyssum Sweet, flowers white.....	5c
Aster, resembling a Chrysanthemum.....	10c
Candytuft, sweet scented.....	5c
Mignonette, sweet large flowered.....	5c
Pansy, choice seed, fancy mixed.....	10c
Phlox Drummondii, mixed.....	10c
Sweet Peas, fancy bloomers and climbers....	5c

Total amount..... 50c

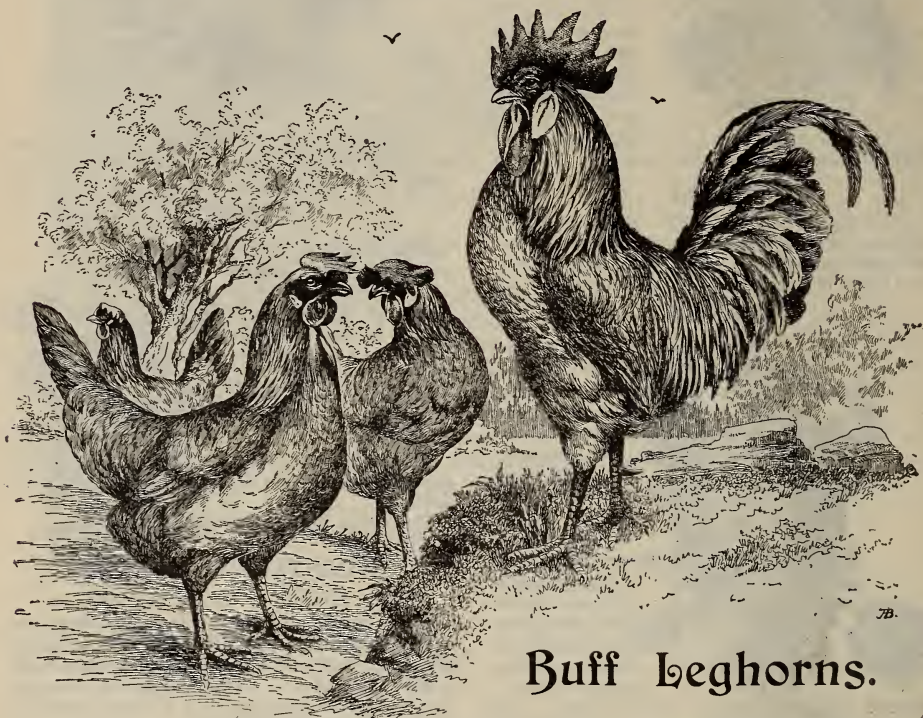
This special offer for 25c; purchaser not entitled to any premium. Total 50c worth for 25c.

Fancy Poultry.

Important. We aim to furnish live fowls, nothing but thoroughbred and as represented in every particular in so far that should there be any cause for dissatisfaction the purchaser is at liberty to return the fowls to us immediately, and we will cheerfully refund purchasers money, less exp's charges.

Eggs. They are all marked and name sent with them, they are guaranteed to be true to name as can be had, and a fair hatch. Eggs bought of us, the hatch being less than one-half, if treated same as instructions sent with each order, we will duplicate the order at one half the list price.

Terms. All orders must be accompanied with the money, as we ship no poultry or eggs C.O.D.



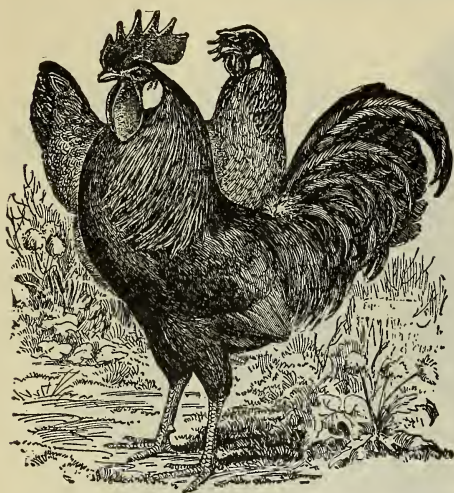
Buff Leghorns.

THEY have same characteristics as other varieties of the Leghorn family, but of larger size. The universal verdict of all who have tried them is that they excel all other fowls as egg producers, eggs are larger than those of other Leghorns. Being very hardy, quick growing, plump breasted, and yellow skinned, they will make broilers at an early age; in fact, it is supposed they have a perfect combination of the best qualities of the best breeds. All these characteristics, taken in connection with the buff plumage and style carriage, make them beyond all question an ideal fowl. The proper color should be a deep, rich buff throughout; the under color will, no doubt, run lighter. Our stock of this variety is very fine, and we offer good birds at the following prices.

Cockerals \$1.25 to \$2.00; Pullets \$1.00 to \$1.50; Good breeding stock, trio \$3.00.

Yard No. 1. This yard is headed by a cockeral that is second to none, large in size, style perfect and even buff color. The hens are one and two years old, solid buff color, good shape and in size most of them are above the standard weight. Eggs \$1.25 per 15.

Yard No. 2. This yard is bred from the same stock as yard No. 1, but not quite so large and color so even. The yard is composed of pullets and headed by medium size cock. Eggs \$1.00 per 15.



Single Comb Brown Leghorns.

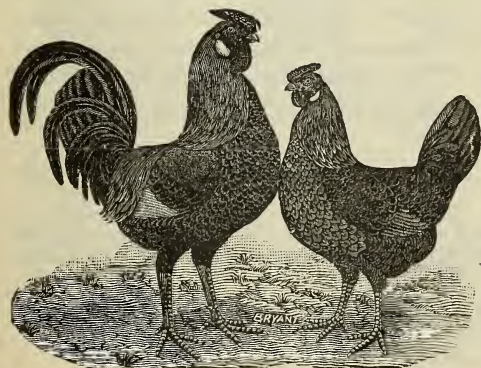
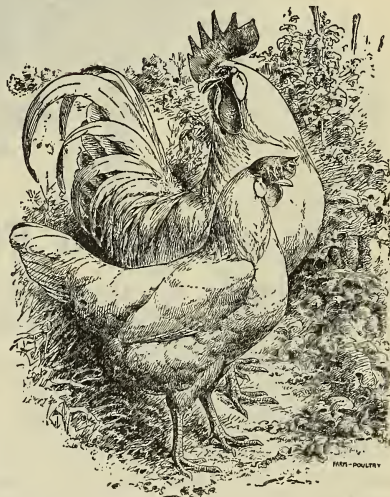
THEY are indeed thrifty, handsome and profitable, and never cease to be popular. As egg producers they stand at the head of all non-sitting breeds. They are very hardy and mature very young, and pullets begin to lay when five months old. They have a nice yellow skin and make excellent table fowls. The faces, combs and wattles of the Leghorns are a bright red with white ear-lobes, making them very attractive.

Prices: Cockerals \$1.25; pair \$2.25; trio \$3.00. Eggs for hatching 75c per 15, 30 eggs \$1.40, 45 eggs \$2.00.

Single Comb White Leghorns.

WHITE LEGHORNS resembles the Brown variety, except in color. Their large red combs, white ear lobes, bright yellow legs and pure white plumage make them very attractive. In size they are about the same as the Brown variety. They are non-sitters and splendid layers of good sized eggs; are good foragers if left to roam, and yet bear confinement well. They mature early and begin laying when about four months old. Prices: Cockerals \$1.00 to \$1.50; pair \$2.25; trio \$3.00. Eggs for hatching 75c per 15.

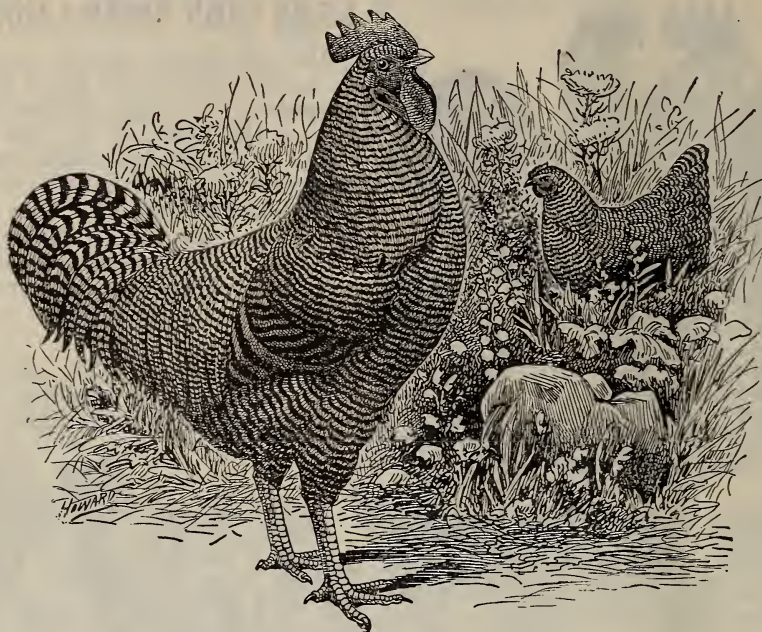
We Ship Poultry in light coops, they are made light and strong. Eggs are shipped in baskets securely packed, all delivered to Adams Express Co., free of charge.



Rose Comb Brown Leghorns.

This variety is becoming more popular every year, being better adapted to our colder climate than the single comb variety. In other respects they are the same as the single combs. They are very hardy and require less housing during the cold weather than the single comb variety. The cut will give a good idea of their appearance. Our stock is from fowls that won first premiums at New York and Washington shows.

Prices: Males \$1.00 to \$1.25. Eggs 75c per 15, 30 eggs \$1.40, 45 eggs \$2.00.



Barred Plymouth Rocks.

THE BARRED PLYMOUTH ROCK has been termed AMERICA'S IDOL. It can be depended upon to yield a generous supply of eggs and savory flesh. For meat, size, laying qualities, vigor, quick growing and attractiveness combined there is no breed that will not suffer by comparison. This difficult union of qualities makes the Barred Plymouth Rock a perennial favorite. For market they are one of the best, being large, with plump bodies and full breast, with clean yellow legs and skin. For table fowls they have but few equals, being sweet, juicy, fine-grained, tender and delicate. As layers they are considered above the average. A larger percentage of their eggs hatch and fewer of their chicks die than any other breed. They always mature early and are splendid foragers, fast growers and compactly built, very hardy and healthy. The hens are the most patient and best of mothers, so determined are they to bring up a family that they often adopt stray chicks.

Prices: Choice cockerals \$1.50; good cockerals \$1.25; pullets \$1.00 to \$1.25; trio \$3.00.

Yard No. 1. This yard is mated and headed with an extra fine cock up to standard size, well barred, with dark clean cut bar, he is medium dark in color. Hens are all clean clear black barring, good shape and large size. Eggs \$1.25 per 15. 30 Eggs \$2.25.

Yard No. 2. This yard is composed of all good breeding stock, good as many other sell at higher prices. Eggs \$1.00 per 15. 30 Eggs \$1.75. 45 Eggs \$2.50.

Eggs from yard No. 1 and yard No. 2, \$1.15 per 15. 30 Eggs \$2.00. 45 Eggs \$2.75

Buff Plymouth Rocks.

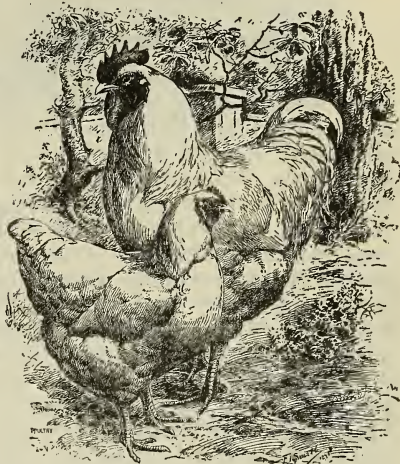
PLYMOUTH ROCKS are so well and favorably known that when the "Buff" variety were brought prominently before the breeders of this country a few years ago, they were in great demand from the start, and the question with the breeders of this variety is not how shall we dispose of our fowls and eggs, but how can we produce enough stock and eggs to fill our orders? The Buff Plymouth Rock is indeed a most beautiful fowl. They are of the same size, style and shape as their Barred cousins; legs, and beak and skin are a rich orange yellow, while their combs, wattles and ear-lobes are a bright red. Eggs \$1.00 for 15.



White Plymouth Rock.

THE WHITE PLYMOUTH ROCK is an exact counterpart of the Barred variety except in plumage, from which it is a sport. As a general purpose fowl they rank with the best. They are good egg producers and as winter layers they are unsurpassed. For a market fowl and for table purposes the White Plymouth Rock stands among the best; the rich yellow skin covering a plump, meaty body, makes them very attractive; the flesh is fine, white, tender and richly flavored. The chicks are hardy and vigorous, and mature young.

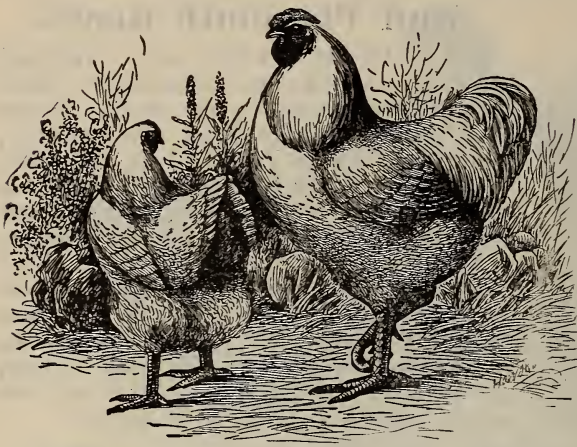
Choice cockerals \$1.50; good cockerals \$1.25; trio \$3.00. Eggs \$1.00 per 15, 30 eggs \$1.75.



Silver Laced Wyandottes.

THERE is no question about the useful qualities of Wyandottes; their value is now universally conceded and no one is likely to be disappointed while breeding them if he gives them ordinary care. As layers they are one of the best of the middle-sized fowls, ahead of any of the Asiatics, and probably as good as the Plymouth Rocks in cold weather. They have a small rose comb, making them especially adapted to our northern climate, yellow legs and skin, making also very good market fowls. Prices: Cockerals \$1.25, pair \$2.25, trio \$3.00, Eggs \$1.00 per 15.





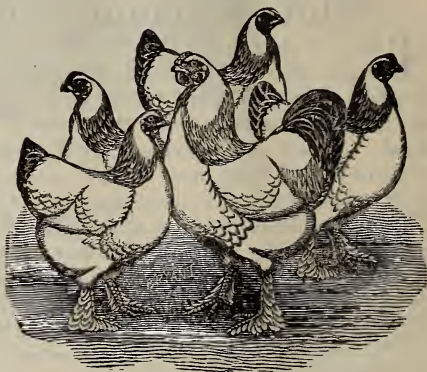
Light Brahmas.

During the past thirty years, while all other breeds have had their "ups and down," the Light Brahmas have kept their place, and to-day they are much praised and highly recommended by the general breeder as they were thirty years ago. Any breed that can stand the test of rivalry so long and still continue to satisfy and please the thousands breeding them, must have qualities of a very high order. They are the largest of all poultry, and furnish more pounds of flesh and eggs in twelve months than any other breed of fowls. When full grown the cocks weigh 12 lbs. and the hens 9 lbs. They are contented in a small yard, and can be kept in by a fence 3 or 4 ft. high. Cockeral \$1.25, trio \$3.00. Eggs \$1.00 per 15.



White Wyandottes.

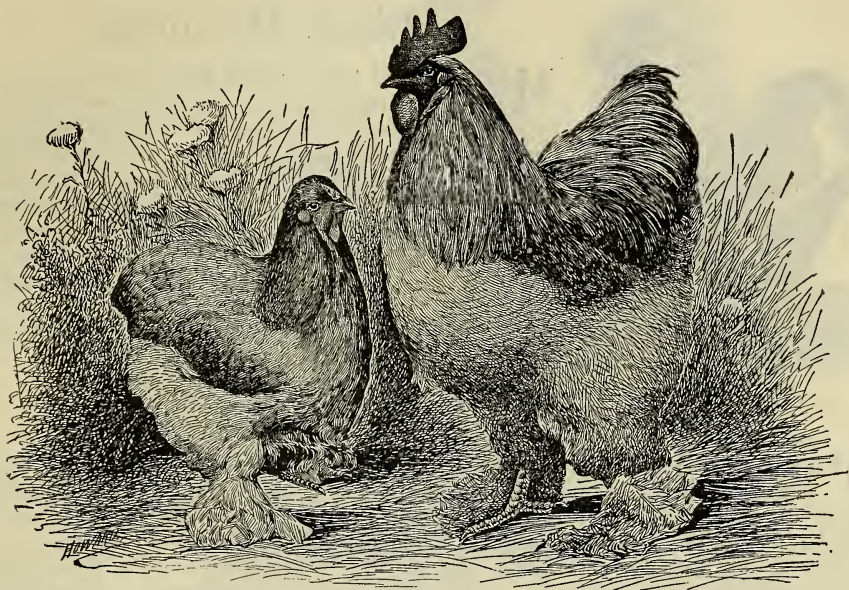
White Wyandottes are generally classed as pure-bred fowls, they breed very true to color, and are undoubtedly of great commercial value. As layers they equal the other Wyandottes; and for sitters and mothers they are everything to be desired. The fowls are very handsome, with pure white plumage, low rose comb, yellow legs and beak, red face and wattles, and are great favorites with all who like white poultry. Eggs \$1.00 per 15.



White Cochins.

They are magnificent fowls, and are worthy of more general cultivation among American fanciers.

Being pure white, they are much easier to breed true to color than a particolored variety. The plumage is white; wattles and ear lobes brilliant red; comb single; legs well feathered to outer toe. These fowls should have a shady run in summer, or the glare of the hot sun, day after day will give their plumage a yellowish appearance. They are among the hardiest fowls and good winter layers. Price: Pair \$2.25, trio \$3.00. Eggs \$1.00 per 15.



Buff Cochins.

BUFF is the oldest of the Cochins family and undoubtedly the most admired. When full grown this breed of fowls is large and hardy, both as chicks and fowls, it being seldom that sickness is found among them. They are well adapted to cold climates being quite heavily feathered and not having very large combs and wattles, so that they are not apt to get frost bitten in the severest weather. They are of very quiet habits, will not fly over a fence three feet high, which causes them to be very desirable. Early hatched pullets will begin laying in December and will continue through the winter if properly cared for. When matured and fat, cocks will weigh from nine to fourteen pounds, and the hens will weigh from seven to eleven pounds.

Prices: Cockerals \$1.25, trio \$3.00. Eggs \$1.00 per 15, 30 eggs \$1.75.

Partridge Cochins.

THE PARTRIDGE COCHINS is the handsomest and most noted breed of the Cochins family. The plumage is very rich and elegant, and being very dark it does not soil easily, making them very desirable breed for ity. The hen is a rich brown with beautiful cross pencilings of black; hackle golden or yellow, striped with black. They are very uniform in form, and very proud and aristocratic; bear confinement well, are large, cock weighing 11 pounds hens 8 pounds, at maturity. They are easy to rear, extremely hardy, breed remarkably true to feather, are very bulky in shape, have yellow legs and skin, and sell well in the market; excellent layers during a greater part of the year, are good sitters and mothers. Price of eggs for hatching \$1.25 per 15.

Black Minorcas.



MINORCA is famous as a layer of large eggs. If test of weight of eggs produced were applied to all breeds, the Minorca would probably stand first. They stand confinement well. Although active birds and good foragers, if given liberty to work they can be cooped or retained in small runs without it affecting their health or laying qualities. For table purposes they are fair. Their flesh is close and white, and in dressing there is less offal than in some of the heavier breeds.

Prices: Males \$1.25, pair \$2.25, trio \$3.00. Eggs 75c per 15, 30 eggs \$1.35.

Houdans.



ONE OF OUR most valuable breeds of poultry, and considered by the French their best table and market fowls. The Houdan is to France what the Plymouth Rock is to America. They derived their name from the little town of Houdan, France. They are hardy and prolific layers of large, white eggs. For table purposes they are among the best, as they have small bones and the flesh is tender and delicious. They are non-sitters, possess the fifth toe, very hardy, vigorous, rapid growers, free from disease and light feeders; as they may be fed at a small cost as compared with some of the larger breeds. They are of a medium size and of a mottled white plumage, black and white intermixed, the black slightly predominating. Prices; Males \$1.25, pair \$2.25, trio \$3.00. Eggs \$1.00 per 15.

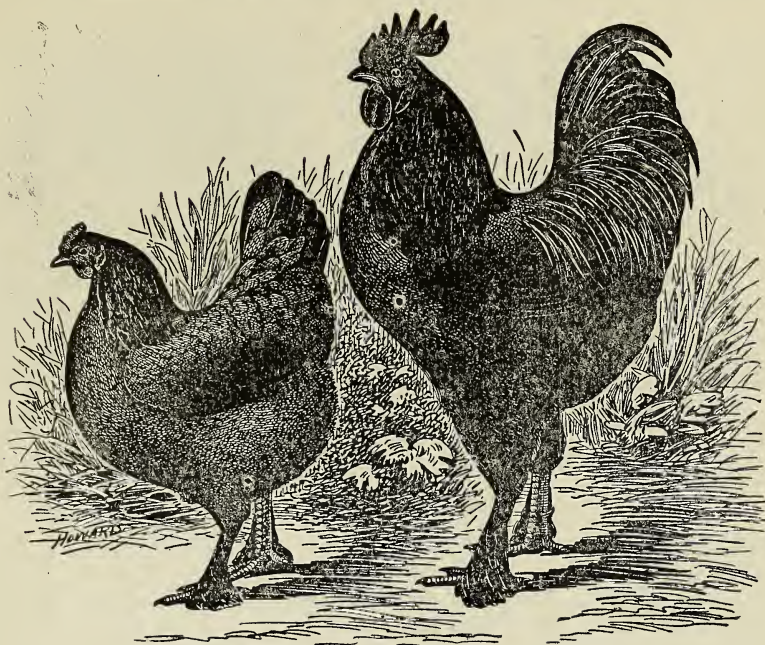
White-Crested B. Polish.

THE POLISH are classed among the most beautiful breeds. It must not be supposed, however that they cannot be classed as useful. They are prolific layers, almost equal to the Leghorns, non-sitters, and delicate table fowls. The Polish are easily confined in an enclosure four feet high, as on account of their crests covering their eyes. They become readily attached to their keepers and make great pets. No other breed shows so well the beautiful contrast of snowy white crests and greenish-black plumage.

Eggs \$1.25 per 15.



A pair of Houdans and a trio of White-Crested Black Polish.



Black Langshans.

THE BLACK LANGSHAN is an Asiatic breed of fowls, of large size of a fine shape. It is one of the hardiest varieties of fowls that can be found any-where. The chicks are generally white on the breast and lower part of the body when first hatched and remain so often times until their first moult, when the white feathers disappear. They are also very hardy, grow fast and reach the age of maturity in a short time; being prolific layers, good brooders, excellent mothers and active foragers. Besides this they are very tame. Young pullets hatched early in the spring will start laying in the fall and continue on for the best part of the coming winter and spring. They lay a large buff egg and are a very good table fowl. They have a greenish black color, bear confinement well and are not such large eaters as many people suppose.

Prices: Males \$1.25, trio \$3.00. Eggs 75c per 15, 30 eggs \$1.40.

White Langshans.

LANGSHANS have attained great popularity, as being large, stylish birds, with full, broad breasts, straight red combs somewhat larger than the Cochins. Bright red wattles, ear lobes and combs, glowing against their pure white feathers, forming a striking contrast. The White Langshans being as yet a comparatively new breed, they have commanded a large sale as it will pay to breed them; when they once become better known the demand will exceed the supply. As to their origin there can be but one answer; that is they come from the Blacks as "sports" of which they are the exact counter part except in color.

Of this breed we have mated two yards that is strictly first-class in ever particular. Yard No. 1 is headed by an extra fine cock, and hens just as fine. Yard No. 2, is composed of young stock that is fully up to standard. Eggs from yard No. 1, \$1.50 per 13, \$3.00 per 30. Eggs from yard No. 2, \$1.00 per 13, \$2.00 per 30.



Silver Spangled Hamburgs.

This handsome fowl is the most attractive of the Hamburg varieties, attracting general admiration on account of its rich plumage. Aside from their beauty they are to be recommended for their great egg producing qualities, laying throughout the year and averaging 200 to 225 eggs. For market purposes they are not desirable being too small and having a white skin. Cocks weigh 4 to 5½ pounds, hens 3 to 4½ pounds. They are rapid growers, non-sitters and another point in their favor—small feeders—in fact, a breed easily raised. Eggs for hatching \$1.00 per 15. Males \$1.25, trio \$3.00.

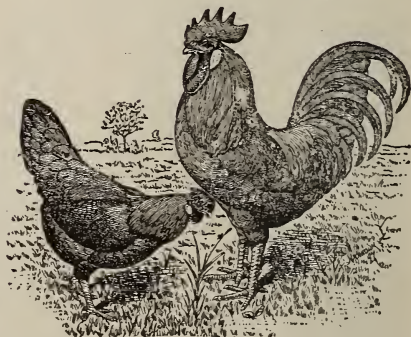
Pit Games.

WE furnish eggs of the Pit Games from a yard that can show as fine birds as any man in the United States. Bred especially for strength, lung power, quick and savage action and endurance in the Pit. These birds have a reputation from Maine to Florida and from the Atlantic to the Pacific. Eggs for hatching \$1.50 per 15.

Blue Andalusians.

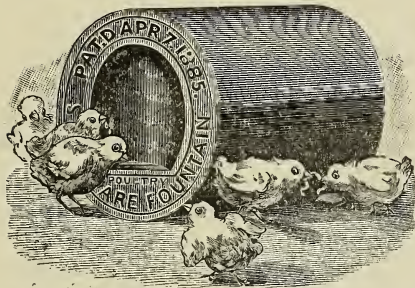
THE Blue Andalusians is an English breed of fowls, dating way back 50 yrs. when they had been bred quite extensively in Andalusia, Spain, from whence they derive the name. They belong to the non-sitting class. Their plumage is a dark blue throughout, white ear lobes, bright red combs and wattles, similar to the Minorcas in size and shape, forming a beautiful and striking contrast in connection with their blue plumage. They are great layers of fine large eggs, laying the whole year around both summer and winter. They are very hardy, chicks growing very fast, pullets often laying at the age of 5 months.

Stock limited write for prices. Eggs \$1.25 per 15.



Poultry Supplies.

Water Fountain.



The Life Saving Station.

Clean, cool water is more essential to the health of fowls than any other known quantity. Stoneware keeps water clean and cooler than any other material, and this fount will save enough of your chicks from drowning to pay their cost.

It is easily filled, easily carried, easily cleaned; it is the best and is the cheapest. It prevents disease. They are an ornament to your poultry yards, which can't be said of old pans and dishes always scratched full of everything but water by the old hens.

You get all the above essentials in Weeks Patent Poultry Fountain, it is indispensable to the Poultryman raising young chicks.

Price 4 qt. 30c each. 1 doz. \$3.00. 8 qt. 40c.

Dr Hickman's Specialty for Poultry.

This Powder is carefully prepared from well selected materials that are well known to invigorate and strengthen the general system, as well as to act upon the fowl in such a way as to purify the system, and eradicate diseases so common to fowls. Prevents Disease and Promotes Rapid Growth of the Young. It aids and strengthens the production of eggs and to get the best results feed them regularly. Price 25 cents.

Royal Egg Food.

It is good for young chicks, because it "makes them grow"—good for hens because it "makes them lay" continually and regular—good for sick chickens because it "makes them well", and makes the source of constant profit. Price 25c package. 6 Packages \$1.40. 12 Packages \$2.00

Hulled Oats for Poultry.

Hulled Oats is one of the best food that can be fed to Poultry, nothing better for growing chicks when fed in rotation with other food. It gives strength, muscle and will furnish bone and promote growth in young fowls.

Price 12½ lb. sack 25c, 100 lb. sack \$1.75.



DAVENPORT'S
New Xray
Egg Tester is
one of the best
on the market,
it is durable,
a perfect Egg
Tester, used in daylight or night, neat, handsome
as shown in cut, and cheap.
Price sent by mail post-paid, 25 cents.

Crushed Oyster Shells.

Contains 96 per cent of Carbonate of Lime and are the best sources of supplies in the world. All fowls must have grit upon which to grind their food, and "Crushed Oyster Shells" act in double capacity, while grinding the food, the hen is making the egg shell, hence a much larger production of egg shell are used. Price 100 lbs. 75c, 500 lbs. \$3 50, ½ Ton \$6 50, Ton \$12.00



Death to Lice.

The finest and best birds on your place will harbor vermin unless you do something to prevent. **Lamberts Death to Lice** will keep them clean and comfortable. Easily put on the bird, sure death to all vermin and cheap.

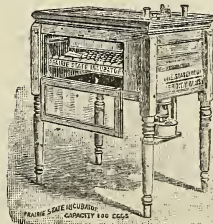
5 oz. box	10 cents.	Postpaid	15 cents.
15 " "	25 " "	" "	40 " "

Universal Hatchers.

It has the best heat regulator. It has the best heating system. It has the most perfect moisture system used in artificial incubation. No open water pans or sponges, and the only automatic moisture system. **Send for Catalogues.**

Prairie State Incubator

We sell the Prairie State Incubators which is second to none, in simplicity of construction and ease of operation.



2nd, Application and regulation of heat.
3rd, Application and control of moisture.
4th, Ventilation.

Nothing but the best material used in construction, workmanship the finest, and finished in hard oil. Self regulating, and guaranteed by the manufacturers to hatch if operated according to directions, every egg that is possible to be hatched. Write for prices.



Excelsior Hand Weeders.

Price 10c each, by mail 15c.

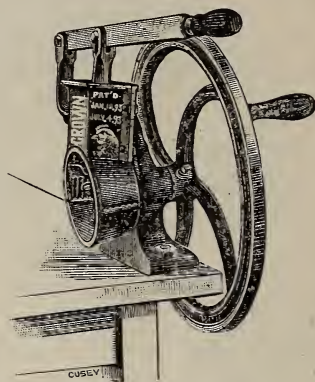
CROWN BONE CUTTER, For Green Bones.

CUTS EASY, FINE AND FAST.

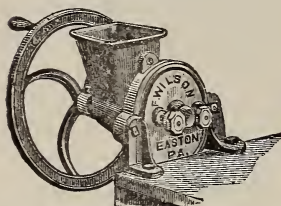
NOTHING CHEAP BUT THE PRICE.

Has Steel Knives; can be taken out and sharpened and replaced in a few minutes. Diameter of hand-wheel, 22 inches.

Weight, without Stand, 50 lbs. Price, \$6.50.



GREEN BONE CUTTER.



GRINDING MILL.

F. WILSON'S

Patent Grinding Mills.

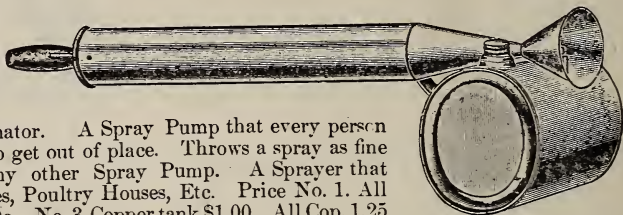
No. 1 Hand Bone, Shell and Corn Mill for the Poultryman.

This Mill will grind dry bones, shells, all kinds of grain, gravel, stones, old crockery, roots, barks, spices, stale bread, etc. etc.

Price, without Stand, \$4.50; weight 33 lbs. Price, with Stand \$6.50. Diameter of hand-wheel 22 inches.

Spray Poultry Houses with Cyclone Sprayer.

A marvelous Insect Exterminator. A Spray Pump that every person needs. Always ready, no parts to get out of place. Throws a spray as fine as mist. More effectual than any other Spray Pump. A Sprayer that can be used to spray Plants, Trees, Poultry Houses, Etc. Price No. 1. All tin 75c. No. 2. Galv. iron tank 90c. No. 3 Copper tank \$1.00. All Cop. 1.25

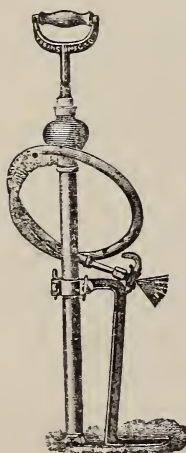


Goulds Portable Spray Pumps

ARE THE BEST FOR

Spraying Fruit Trees.

It is complete with Nozzle that throws a solid stream, fine or double spray. (Adjustable) Price \$3.00.



The "Iron Age"

WHEEL HOES AND CULTIVATORS.

The Iron Age Double Wheel Hoes with Cultivator Teeth, Plows and Rakes complete.

Price \$6.00.

Plain with side hoes only.

Price \$3.50.



Send for Iron Age Catalogue.

Rough Coated Scotch Collie

Shepherd Dogs.



A dog that every Farmer needs.

A guardian and playmate for your children.

Has almost Human Intelligence, and is the Farmer's true friend.

A pure bred Collie can always be depended upon in sunshine or adversity.

He can do his work in a manner that should put the average boy to shame.

If a duty is once impressed on his mind, he never forgets or neglects it unless restrained

The pure-bred Scotch Collies, are of a kind and affectionate disposition, and become strongly attached to their master's family. They are very watchfull and always on the alert, while their intelligence is really marvelous. At one year old they are able to perform full duty, herding sheep, cattle, swine and other stock, attending them all day when necessary, keeping them together and where they belong, and driving off all strange intruders. They learn to know their master's animals from others in a very short time, and a well trained dog will gather them home, and put each into its right stall. They have a dainty carriage and fine style, profuse silky hair of variation of colors, bushy tail carried low, ears small and semi-erect, head long and sharp.

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